THE NEW

FLORIDA SKIP

VOL. 30 NO. 10 THE ALL-FLORIDA AMATEUR RADIO PUBLICATION June 1987 75 CENTS

FLORIDA AMATEUR AUTO TAG INFO

Memorandum to: Representative Hurley Rudd

From: John R. Hills, KC4N, State Government Liaison, State of Florida, American Radio Relay League.

Date: April 15, 1987.

Subject: Fees for Radio Amateur's Call Sign on Challenger Auto License Plates.

In the past the Legislature has allowed amateur radio operators to purchase license plates with their FCC-issued amateur station call signs on the plates. The fee is $5.00 for the initial plate and a $1.50 for renewal, instead of the $12.00 fee for personalized license plates. The reason for this special provision is that many radio amateurs are equipped to assist with communication during emergencies using radios in their automobiles. They were of great assistance during Hurricanes Juan, Elena, and others. Call-sign license plates make their vehicles readily identifiable to local officials who may need their services.

The program for Challenger license plates did not include the provision for reduced fees for amateurs. Many amateurs would like to purchase the Challenger plates, but object to paying the annual $12.00 personalized-plate fee. We urge you to support legislation to correct this apparent oversight in the Challenger plate legislation.

For example, for a minimum automobile the cost now for an ordinary amateur license plate initially is $27.65. For renewal, it is $24.15. For a Challenger plate with the amateur call sign now, the charge would be $51.65 initially, and $51.65 to renew. If the fee for an amateur call sign is used, instead of the personalized-license charge, a Challenger plate with the call sign would cost $44.65 initially, and $41.15 to renew. The latter is a savings of over $10 per year for each amateur who wants a Challenger plate with his call sign, and the amateur still makes the full contribution to the Challenger fund.

THE GREATER THE DIFFICULTY, THE MORE GLORY IN SURMOUNTING IT..... Tks K1GGP.

COMING EVENTS

ARRL FIELD DAY, June 27 & 28th
Jacksonville Hamfest, Aug. 1 & 2nd
Melbourne Hamfest Aug. 29 & 30.(A change)
West Palm Bch Hamfest, Nov. 21 & 22nd.
So. FL ARRL Conv. St. Pete. Nov 21-22nd.
Inverness SHARC Hamfest, Jan. 30, 1988
Sarasota Hamfest. Jan 20 & 21, 1988
Miami HAMBOREE, Feb. 6 & 7, 1988
Miss anyone? Like in Nov. PLEASE send in dates early to prevent conflight. TU AC Late arrival: Okeechobee ARC Hamfest, Dec. 5, 1987..

2nd Lt. Nelson Novo, WD4LWB stands beside hie T-38, Super Sonic U. S. Air Force aircraft at Laughlin AFB, Texas May 10th. Nelson is from Hialeah and is son of Jo e Novo WB4WNA and mother Gladys KD4DXX. Joe and Gladys are very proud of their son. Joe is owner of HIALEAH ELECTRONICS. Nelson was picked from 100 others and when receiving his "Wings" will receive a special assignment elsewhere in the world.

NEW RUSSIAN SATELLITES TO BE LAUNCHED

By Walt Dixon, W4DWN, Amsat

Russian Amateur Radio satellites RS-9 and RS-10 should be in orbit by the time you read this. The following are the frequencies and modes for the new satellites.

RS-9 Mode A uplink 145.860-145.9 Mhz. Downlink 29.36-29.4 Mhz. BEacon (CW) 29.402 Mhz. Robot uplink 145.82—downlink 29.32 Mhz. Note: The Robot will acknowledge your transmission. RS-10 Mode A uplink 145.960-146.0 Mhz—downlink 29.46-29.5 Mhz. Beacons 29.457 and 29.503 Mhz. RS-10 Mode K uplink 21.26-21.3 Mhz—downlink 29.46-29.5 Mhz. RS-10 Mode T uplink 21.26—21.3 Mhz—downlink 145.96-145.995 Mhz. Beacons 145.957 and 145.997 Mhz. RS-10 Robot uplink 21.140 Mhz downlink 29.32 Mhz. (CW only).

These satellites can be used by anyone with equipment covering the frequencies indicated and which will operate CW or SSB. Low power of 100 watts or less will get you good signals on the downlink. You will have to be able to receive at the time you are transmitting so that you may hear your signal and its position in regard to the station you are trying to contact. If you don't hear your signal you are not getting to the satellite. Allow for displacement of your signal due to Doppler Shift. Tune both sides of the point you think where you are supposed to be. You will find it OK.

NOTICE 440 REPEATER OWNERS

We understand that Florida now has many 440 machines on the air. In order to assist all concerned, we are thinking about coming out with a 440 repeater map for Florida — just like our 144 map. In order to do this we need the information from all 440 repeater trustees. We will start collecting the information now and by mid-year will consider printing a 440 repeater map, if enough info can be collected. Kindly send all 440 info to Harlan Cohn, W4UIM, 9831 Colonial Dr.. Miami, FL 33157 soon as possible or call 305-251-4983.

FLORIDA SKIP (USPS 000485) ISSN 08915482 is published monthly for $8.00 per year by FLORIDA SKIP, Inc. P. O. Box 501, Miami Springs, FL 33266.

Second Class Postage is paid at Miami Florida. POSTMASTER: Send address changes to FLORIDA SKIP, Inc. P. O. Box 501, Miami Springs, FL 33266.

STAFF
Andy Clark, W4IYT Editor/publisher
Bob Denton WB4FGL, Ploof Reeder
Jan Zysko, N4MEI, Data Services
Bob Watson, W4DTV, No. Fla. Rep.

State Editors:
QCWA: Eli Nannis, K4JMH, 14996 Imperial Pt. Dr., No. Largo 33544
CW: Ron Mettler WB4GHU, 904 Little Bend, Altamont Spgs 32714
SSB: Al Suhr, WB4AID, 1412 Tahoe Ct., Lake Wales 33461
Packet:
VHF/UHF:

Any item in FLORIDA SKIP may be reprinted in any other publication in the world, with a credit line please.

The publishers of this paper do not assume the responsibility of statements made by their advertisers in business competition. All signed articles published in this paper represent solely the individual opinions of the writer and not those of FLORIDA SKIP.

DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33266.

SILENT KEYS

We are deeply sorry to report the passing of the following Florida amateurs. If you hear of any S/Ks, please let us know.

W4AKQ	Duncan A. Scott	Cape Coral	(76)
N4BEY	Maj. Charles B. Shackleford	Ft. Walton Beach	(64)
KG4Y	Norman Thomas	Hollywood	
WA4GJE	Ken Thompson	Bradenton	
N4LHN	Allen F. Wright	Clearwater	
N4GOH	Mike Thomas	Wilton Manors	
K4YFP	Bill McLaughlin	Lantana	
W4LQT	John Saulich	Gulf Breeze	
WD4LYA	Scott Sandstrom	St. Petersburg	
K4RQH	Raoul Storace	Holiday	
WB4RTH	John Braun	St. Cloud	
K4JLL	Bill Ewing	Cape Coral	
N4LAL	Mike Namey	Tampa	

10 KM SUN FUN

By Larry, W1ZYR

Fourteen early-rising members of the Spring Hill Amateur Radio Club (SHARC) met at Springstead High School in Spring Hill just after dawn on April 11. They were there to provide 2-Meter communications for the annual 10 KM Sun Run conducted by the Spring Hill Runners Club. Paul Sauer, K4ZC, acting as Net Control, assigned check-point locations at various street intersections.

As the 89 runners passed check-points, their identity and position was radioed back to Net Control and race officials. Racers varied in age from teen-agers to very senior ciizens. W1MSK's new repeater on 146.625 in Spring Hill was used for this event.

Hams participating were: K1ACX, W1KBO, W1MSK, W1OOR. W1ZYR, KA2OGG, N4EBH, N4GEL, KJ4JBI, KB4PHK, K4ZC, and KB9LT.

HAS YOUR LICENSE EXPIRED?

Check your license expiration date NOW!

If your license was issued prior to January 1, 1984, you may renew it at any time during the five-year grace period beginning with its expiration date. You will be assigned a new call if you renew more than two years into that five-year period. If the full five-year grace period has elapsed you lose your call and must be retested. If your license was issued January 1, 1984, or later, your grace period is two years. If the grace period has expired you have lost your call and you will have to be retested. If you apply for renewal under the grace period you must not operate until your new license arrives.

FCC Form 610s, which can be used to renew or modify your license, are available for an SASE from FLA. SKIP.

TO THE EDITOR

Dear Andy,

On behalf of the Executive Board and Members of the South Florida FM Association we wish to congratulate you for the achievements that brought you THE EXCHANGE CLUB OF MIAMI BOOK OF GOLDEN DEEDS AWARD.

You and your efforts have set a high mark for all of us in amateur radio to shoot at. We know of no one more deeply deserving of this honor. Amateur radio in South Florida has been greatly enhanced by your wisdom, experience and progressive outlook and we are happy to know that you are continuing your endeavors in a manner befitting the challenge of change and the betterment of society through Amateur Radio.

Once again we extend a hearty

CONGRATULATIONS.

The South Florida FM Association looks forward to your continued participation in our activities and the fine example that is yours.

Most Sincerely,
William Bradley, WA4LLJ
President

•

Dear Andy,

This is to inform you of a date change for the Melbourne Hamfest this year. Due to some scheduling problems at the Auditorium we had to move our event this year to the weekend of August 29 & 30. This date is two weeks earlier than the normal date for the Hamfest.

Please do what you can to spread the word since it has always been the same weekend for the last 21 years. We are upset for the foul up but there is nothing we can do at this point. We will have our old date back next year so bear with us this one time.

Also advertising should show up for print in two months of Fla. Skip and QST with the ARRL flyers going out in July. So we are trying hard to get the word out but the more the better.

Thanks,
Dan Yelverton, Hamfest Chairman
Melbourne, FL

Dear Andy,

Recently I have heard from a number of amateurs concerning the recent legislation passed allowing Challenger license plates.

When this issue was discussed in the Florida Legislature, it was decided that no letters or numbers would appear over the picture of the Challenger. Wtih this in mind, in my opinion, splitting the call sign would not be proper and negate the purpose of an amateur tag.

The cost of a Challenger license plate is seventeen dollars. Fifteen of that goes to the Astronauts Memorial and Education Center at Kennedy Space Center with the remaining two dollars going for processing. Anyone (including amateurs) who would like anything other than the numerical/alphabetical combination which currently appears on a license plate will have to pay the extra fee for a prestige tag.

Hopefully, I have been able to clear up some misunderstanding on this matter. Sincerely,
Ron Johnson, WB4LIJ,
Rep. 6th Fla. District,
Tallahassee, FL

FOR THE XYL
FAMOUS BARBECUE

3 cups sliced cooked roast beef
1 chopped onion
3/4 cup Spanish style tomato sauce
1 teas. chili powder
1 Tbsp. Tamari soy sauce
1/2 teas. salt
2 teas. honey
6 drops Tabasco
1 cup water
Whole Wheat Hamburger Buns

Place meat in casserole. Simmer together other ingredients for 15 minutes. Pour this mixture over meat and bake 350° for 30 minutes. Serve over buns. Serves 8.

FLORIDA SKIP, INC.
P.O. Box 501
Miami Springs, Florida 33266 7

Enclosed is $8.00 FOR 1 year subscription to FLORIDA SKIP. My mailing address is:

☐ New ☐ Renewal

My CORRECT address is: Call _____

Name _____

Address _____

City _____

State _____ Zip _____

A CLUB PROJECT

By Marie Snow, WA4KXQ

At the Hollywood Amateur Radio Club it's called QSO-ITIS (phonetically that's Cue-So-Eye-Tis) and the results are just beginning to come in.

What it is is an attempt by the club to encourage each member to QSO a given state during a given month.

"We're starting out with the easy ones," said Art Snow, WA4LLQ and chairman of the scheme. "We've selected Texas as the first state in a Contact Your Nation Program." To follow in March will be the state of New York, another with populous Radio Amateurs.

What wasn't realized with the hatching of this brainchild was the number of different modes to be reported. "We've had Packet Texas contacts as well as QRP, RTTY, VHF and Slow Scan and only four days have elapsed in the month of February.

Here's the way the program works: Each club member has been requested to QSO Texas any hour, any band, any frequency. A report is then made to the Committee Chairman who will then flag the spot with call, date, QTH and other pertinent data on the large corkboard map. Those contacting in order the 12 designated monthly states will be eligible for a special participation certificate.

The Hollywood Amateur Radio Club invites all Hams to take part in this HARC-sponsored endeavor. Reports may be mailed to Art Snow, WA4LLQ, 1800 N.W. 83rd Ter., Pembroke Pines, FL 33024; (305) 432-6333. This program is contagious and may reach epidemic proportions. May the amateur radio flags flying over Texas this month well exceed the recognized 6!!!

C. A. P. member Ridhard Clarke age 14 of North Miami Beach awaits his Novice license as he sits at the Dade Radio Club 3-station consol used at the Dade County Youth Fair April 5th. Art Stead, W4LGA looks on proudly. (FL Skip Photo.)

DO YOU HEAR MUSIC ALL THE TIME?

Some years ago there was an article in the medicine section of Time magazine on the subject of medical detective work.

One of the examples cited involved a man who went to a psychiatrist complaining that he was always hearing radio broadcasts. Thinking to humor him, the psychiatrist asked what he was hearing right then. The man replied he was hearing Rudy Vallee broadcasting from the Steel Pier in Atlantic City. The psychiatrist turned on his office radio and, sure enough, he heard Rudy Vallee! He became so intrigued that he conducted an extensive project with his patient.

After much questioning he discovered that the man worked in a glass bottle factory and had gotten some silica crystals in dental cavities. The combination of the silica, saliva and some bridgework in his mouth had literally transformed him into a walking crystal radio reciever!

The psychiatrist referred the patient to a dentist who gave his teeth a thorough cleaning, filled the cavities and redid the bridgework. As a result, the patient "went off the air," was able to concentrate, and lived happily ever after.

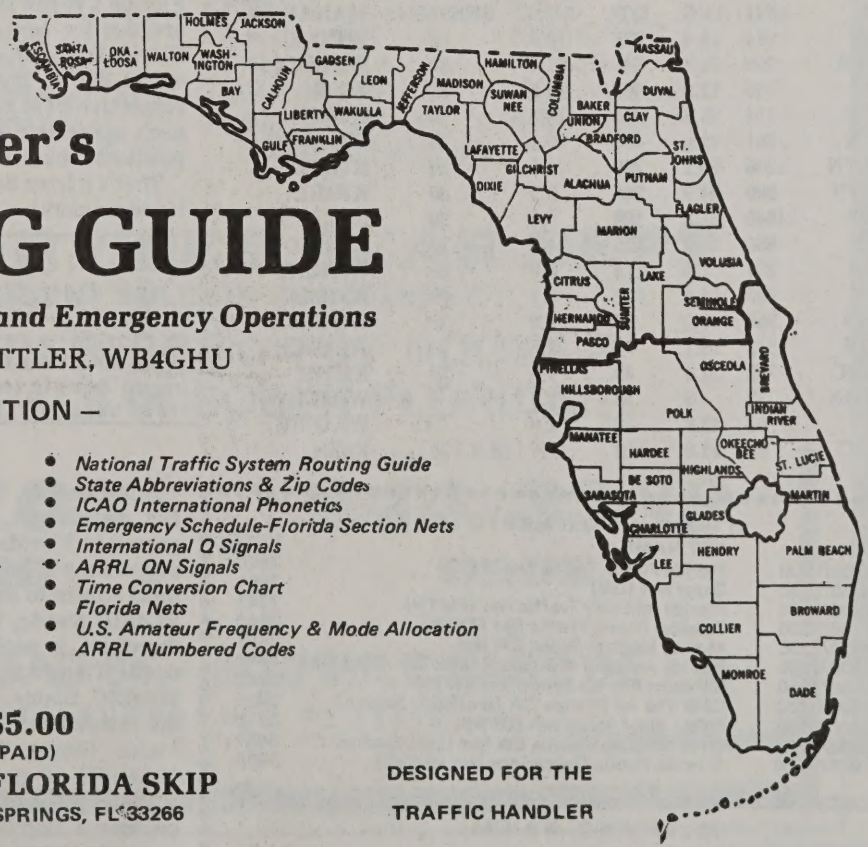
Editors Note: Think of all the possibilities a tooth receiver could open up — magician — mobile receiver, etc. (THE MIKE & KEY)

Florida Traffic Handler's ROUTING GUIDE

A Manual for Your Traffic and Emergency Operations

EDITED BY RON METTLER, WB4GHU

— 6th EDITION —



CONTAINS:

- *Table of Contents*
- *Florida City Abbreviations*
- *Cross-Reference of City/County*
- *Amateur Message Form*
- *U.S./Canadian Third Party Traffic Agreements*
- *Northern Florida Counties & Seats*
- *Southern Florida Counties & Seats*
- *Toll-Free Telephone Relay*
- *ARRL Precedences & Handling Instructions*
- *National Traffic System Routing Guide*
- *State Abbreviations & Zip Codes*
- *ICAO International Phonetics*
- *Emergency Schedule-Florida Section Nets*
- *International Q Signals*
- *ARRL QN Signals*
- *Time Conversion Chart*
- *Florida Nets*
- *U.S. Amateur Frequency & Mode Allocation*
- *ARRL Numbered Codes*

FLORIDA SKIP

PRICE $5.00
(POSTAGE PAID)

PUBLISHED BY FLORIDA SKIP
P.O. BOX 501, MIAMI SPRINGS, FL 33266

DESIGNED FOR THE TRAFFIC HANDLER

TRAFFIC HOUNDS — MAR. 1987
By K4ZK, STM. SO. FL.

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MANAGER
QFN	911	15.2	814	13.1	62	W4NFK
FMTN	888	29.7	607	19.6	31	WB4AID
TPTN	1118	36.6	522	16.8	31	KC4VK
GN	352	11.4	340	11.0	31	WX4H
SEFTN	1084	35.0	278	9.0	31	KF4RL
FPTN	1344	43.3	244	7.8	31	WB4WYG
SWFTN	1185	45.6	224	8.6	26	KI4ZW
NFPN	1917	61.8	174	5.6	31	NS4C
SVTN	712	22.9	165	5.3	31	KB4LB
FMSN	378	12.1	143	4.6	31	WD4KBW
QFNS	251	8.1	136	4.4	31	WA4QXT
FAST	504	16.3	122	3.9	31	W4SME
FPON	636	20.5	88	2.8	31	WB4GCK
LSTTN	1408	45.4	48	1.5	31	NQ4P
SPARC	758	24.4	38	1.2	31	K5IHH
PBTN	362	17.2	31	1.5	21	K4FHW
ENMC	28	9.3	11	3.7	3	K4ZK
AIN	56	18.6	7	2.3	3	WA4PFK
PRVAN	10	5.0	0	0.0	2	WD4KBW

TOP TWENTY TRAFFICERS — APRIL 1987
By WA4PFK and N4ADI

1.	W3CUL	3107	11. W4NFK	273
2.	W3VR	1118	12. K4ZK	267
3.	WD4IIO	855	13. K4SCL	239
4.	WX4H	631	14. W4DL	227
5.	N4PL	541	15. WA4RUE	226
6.	WA4QXT	418	16. KC4VK	200
7.	WA4PFK	403	17. AA4HT	198
8.	KB9LT	377	18. KJ4WJ	195
9.	KF4JA	324	19. WA4EIC	189
10.	K4EUK	299	20. K4IA	181

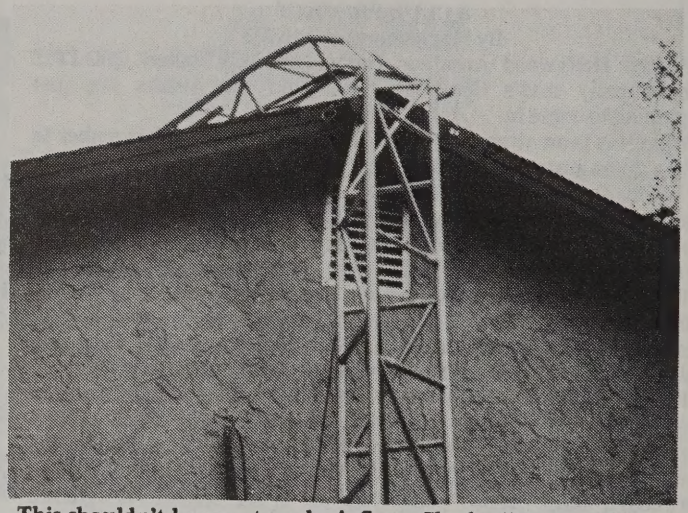
TRAFFIC HOUNDS — APRIL 1987
By K4ZK, STM. SO. FL.

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MANAGER
QFN	924	15.4	771	12.8	60	W4NFK
FMTN	790	26.3	642	21.4	30	WB4AID
GN	360	12.0	407	13.6	30	WX4H
TPTN	714	23.8	383	12.7	30	KC4VK
FPTN	1287	42.9	303	10.1	30	WB4WYG
SWFTN	1046	40.2	290	11.1	30	KI4ZW
SEFTN	980	34.9	268	8.9	30	KF4RL
NFPN	1840	61.3	188	6.3	30	NS4C
SVTN	658	21.9	122	4.1	30	KB4LB
QFNS	234	7.8	114	3.8	30	WA4QXT
FAST	433	14.4	102	3.4	30	W4SME
FMSN	358	11.9	86	2.9	30	WD4KBW
FPON	572	19.1	70	2.3	30	WB4GCK
SPARC	702	24.4	45	1.5	30	K5IHH
PRVAN	12	.3	10	2.5	4	WD4KBW
AIN	91	22.8	8	2.0	4	WA4PFK
ENMC	65	13.0	2	.4	5	K4ZK

FLORIDA TRAFFIC NETS

TIME	NET NAME	FREQ
0700/1200	Florida Phone Traffic Net (FPTN	3940
0830/1330	Gator Net (GN)	3651
1200/1700	Florida mid-Day Traffic Net (FMTN)	7247
1700/2200	Tropical Phone Traffic Net (TPTN)	3940
1730/2230	Florida Medium Speed CW Net	3651
1800/2300	Florida Amateur Sideband Traffic Net (FAST/E)	3940
1830/2330	Northern Florida Phone Net (NFPN)	3950
1900/0000	QFN The All Florida CW Net (Early Session)	3651
2000/0100	QFN - Slow Speed Net (QFNS)	3715
2200/0200	QFN - The All Florida CW Net (Late Session)	3651
1630/2130	Florida Public Operations Net (FPON)	3908
0800/1300 Sat.	ARRL Information Net	3940

(CLIP AND SAVE.)



This shouldn't happen to a dog! Says Charles "Cotton" Stokes KB9LT of Springhill, FL. Cotton is very active in all Florida CW and Packet traffic nets and truly a first class c.w. operator! Hurricane season is nearing -- are your towers guyed? ? ?

CW NET NEWS
de WB4GHU

There has still been no input from anyone operating on the CW nets. This column must rely solely on input in order to relay the news, so let's hear from you ops out there!

In case there are some readers who aren't familiar with the net times and frequencies, below is a list:

GATOR NET	1230Z — 3651 KHZ
FL MEDIUM SPD	— 2130Z — 3651 KHZ
ALL FL CW	— 2300Z — 3651 KHZ
ALL FL SLW CW	— 0000Z — 3715 KHZ
ALL FL CW	— 0200Z — 3651 KHZ

With the exception of Gator Net, the Net Manages for these nets alternate annually between Northern and Southern Florida. The All Florida CW Net (QFN) and the All Florida Slow CW Net (WFNS) are due for new managers July 1. QFN will come to Northern Florida this year, and QFNS is due to go to Southern Florida. If you would like to try your skill at being a net manager, let your respective STM know as soon as you can. I'm certain they would each appreciate having some volunteers to pick from for these positions. Think it over, and give it a try.

That's it from here for this month. Hope to hear from some of you by next month!

NOTICE ALL TRAFICERS
QNC QNC DE K4ZK/KB9LT

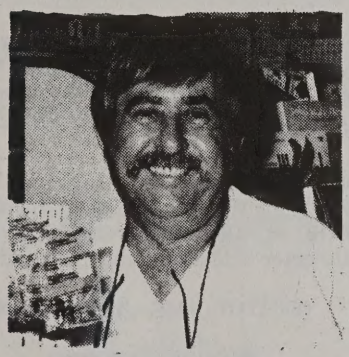
We are currently compiling a list of traffice handlers in Florida who are on PACKET X Please send a radiogram to KB9LT or K4ZK if you are on packet and willing to handle traffic indicating area served and BBS freq~uented. 73 KB9LT/K4ZK STMs N and S. FL

SSB AND ALL VOICE NETS
By Al Suhr, WB4AID

Bill Richards, WB4WYG, Manager of the Florida Phone Traffic Net, says it best, "It has been quite awhile since NET NEWS appeared in Florida Skip. I am very glad to have an opportunity to express my thanks, on behalf of the net, to Andy and his family for their efforts to keep Florida Skip alive and well." Bill reports a FLASH! Swede, W4TAH, was the 1,000th station to check in and, therefore, is entitled to the "GOLDEN COOKIE AWARD" for April. Things about Florida Phone Traffic Net members are: WA4EIC, Blaine, is on vacation in KY; Roy, K4EJW, is leaving for the mountains; W4SME, Doc, will soon make his annual trek to Maine; Ginger, WA4SOU, is recovering from a dog bite; George, WA4NBE, is glad to be home from a northern vacation; Fred, KF4RL, plans to resume his NCS duties; and Kenny, K4BZS, has become a regular NCS. WB4WYG expressed his profound appreciation for such, "Solid support." The Florida Phone Traffic Net

ELI'S AMATEUR RADIO, INC.

DBA - ELI'S CRANE AMATEUR RADIO



OPEN

7 DAYS A WEEK

"THE LATEST IN NAME BRAND HAM EQUIPMENT"

FEATURING . . .

- ICOM
- KENWOOD
- TEMPO
- LARSEN
- HY-GAIN
- HUSTLER
- YAESU
- BIRD
- DAIWA METERS
- MOSLEY
- TELEX
- AMECO
- A.R.R.L.-QST
- CALL BOOKS
- BENCHER KEYS
- W2AU PRODUCTS
- KENPRO ROTORS
- B & W
- CUSHCRAFT
- 73 MAGAZINE
- SAXTON COAX
- NYE VIKING

VISIT OUR USED GEAR DEPT.

EQUIPMENT SOLD ON CONSIGNMENT

LARGEST SELECTION OF BOOKS & PERIODICALS IN SOUTH FLORIDA!!!

(305) **525-0103** ***BROWARD***

(305) **944-3383** ***DADE***

1351 STATE ROAD 84 • (8/10 MILE EAST OF I-95)

FORT LAUDERDALE, FL 33315

meets at 7 A.M. daily on 3940. Bill says, "Stop by for a chat and pass your traffic, too."

Southwest Florida Traffic Net Manager, Lucille Gainer, KI4ZW, reports a meeting, daily EXCEPT SUNDAY, at 1000 hours local time on repeater 146.88. This repeater belongs to Lee County and, in times of emergency the frequency is used for Civil Defense purposes. The area covered reaches from Englewood on the north to Naples on the south and Lehigh Acres to the east. The net is proud of its record as a training ground for emergency preparedness. Some 60 Amatuers create a high average checkins during the winter; summer checkins are about 30 daily average. It is interesting to note that Blaine Caudill, WA4EIC, organized this net in 1977 and saw to it that activity continues to the present time.

The Florida Midday Traffic Net Manager, WB4AID continues to operate on a daily schedule at 1600 UTC on 7247.5 KHz. Currently, as has been the case for several years, Forty Meters is a very difficult net medium. Let's see hwo is responsible for a successful operation. Newly reorganized after WB4AID was elected as Manager along with Roy, N4ADI, as Assistant Manager, certain appointments have been made: N4PL, Clyde, Asst. Mgr.-D4RN Reps; WD4RIQ, Giff, Asst. Mgr.-under N4ADI; WA4QXT, Walt, Asst. Mgr.-under N4ADI; KA4GUS, 'Gus', Asst. Mgr.-Warmup; N4JAQ, Andy, Certificate Officer; Billy, N4UF, Historian. NCS Staff includes: Mon., WA4STZ/N4UF; Tues., N4ADI; Wed., N4DAS; Thurs., WB4AID; Fri., WA4QXT; Sat., KF4GZ or KF4JA and Sun., WD4RIQ. The Warmup is assisted by Chuck, AA4IY and N4DAS. Reps. include: WA4JDH, WA4RUE, KC4VK, N4PL, WX4H, AA4QC, N2GNO, N4DAS, WA4QXT, WB4WYG and many more who are ready to pitch in and help. The Net is saddened to learn of the death, on March 11th, of the XYL of Bob, N4EXS. FMTN extends its sincere condolences to Bob and his family. Net Manager, WB4AID, appreciates the closeness with which FMTN members help each other during terrible band conditions. Drop by 7247.5 KHz at 1600 UTC and see how this operation takes place. Hear how they do it!

SSB Editor's note: When the Editor and Publisher of Florida skip appointed WB4AID as STATE FLORIDA SKIP SSB EDITOR, the format was left up to the SSB Editor. In fairness to all kindly limit your net news page to approximately 200 words, type written, double spaced, on one sheet of 8-1/2 x 11" paper. Each line should be five and one-quarter inches long. Please indent five spaces for each paragraph. Your news articles must arrive in the SSB EDITOR MAIL BOX, 1412 TAHOE COURT, LAKE WORTH, FL 33461, by the 1st day of the month. Late copy will be held for the following month. Thank you and 73. Al Suhr, WB4AID, STATE FLORIDA SKIP SSB EDITOR.

PACKET RADIO BBS

Some people have problems with signing on to a Bulletin Board in Packet Radio. Here are a few tips for you.

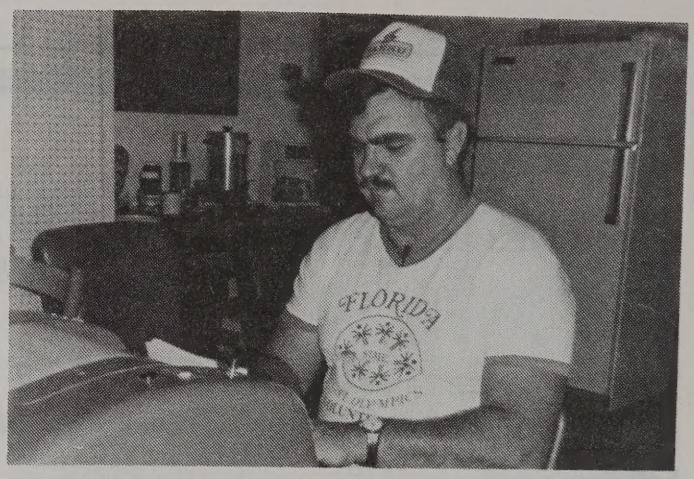
After you connect, wait for the prompt to appear on the screen. If you want a list of messages, press L and no space after it with any of the following:

Nothing after L means list all messages since last long-in.
A means all ARRL Bulletins.
B means general interest Bulletins.
M means list messages addressed to you only.
< means list messages to call given as argument.
< means list messages from call given as argument.

Examples of above:
"LA" means list all ARRL Bulletins.
"L< W4ABC" means list all calls to W4ABC.

To read a message when you have obtained a number from the above listing:
Type "R 1234" to read message 1234.
Type "RM" to read all messages addressed to you.

To send a message:
Type "S" for a general message.
Type "SB" for a bulletin.
Type "SP" for a private message.



At the Tampa Fair, Larry Gispert KR4X typing up messages for RTTY Transmission to W3CUL and others. Larry put in many long hours at the Fair. Some 2800 messages were sent free of charge for the Fair visitors reports K4EKU.

Type "ST" for a message for NTS.

You can also type "S W4ABV @ K4XYZ" which means send a message to W4ABC at Bulletin Board K4XYZ. If the message is going out of state enter title of message and add City and State of destination.

(EDITOR, THE AMPLIFIER SARASOTA ARC)

WORLD BANK QRV

The World Bank Headquarters in Washington, DC, is now the home of a new club and amateur radio station.

The formative meeting was held on April 14 with about 15 hams present. The amateur station uses a six element Telrex Tri-band antenna at 40 feet above the roof of the World Bank building. The station is currently using the callsign of member KK4HD and is waiting a decision on whether they will wind up with an FCC issued callsign or if they fall under United Nations jurisdiction and wind up with a 4U prefix. Among the first contacts made by KK4HD was with the Capitol Hill Amateur Radio Club station W3USS in the Russell Office Building and operated by David Siddall, K3ZJ. Tnx K3ZJ.

(THE WESTLINK REPORT)

FOIA REQEUST DENIED

The FCC has refused a Freedom of Information Act request filed by a Mr. William P. Peer. He was trying to find out who it was that had filed a complaint with the FCC alleging that he was the cause of interference to home electronic equipment.

In denying Peer's request, the FCC said that the release of such information would "harm their future investigative efforts and their ability to get information."

(Tnx ARRL & WESTLINK REPORT)

TO MY WIFE
—ANNIVERSARY-
Edward D. Flynn, KB4YM

Loving you is not a passing thing,
Or just a fancy of which I sing.
Each day make that more clear,
Loving you makes you more dear.
We offer thanks to God for the life we share,
And for God's constant loving care.
With every passing day and every year
We share what comes our way and every tear.
After fifty years the days are numbered, that is true.
However many days are left or just a few.
It has become a habit now.
I will keep right on loving you!

International Radio, Inc.

-- announces --

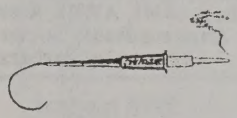
NEW EXPANDED SALES & SERVICE

Sales

- **Kenwood, ICOM, and Yaesu Equipment** and **Most** other Amateur Radio Products!
- For the Discriminating buyer, we also offer High Performance Kenwood/ICOM/and Yaesu Radios.

These radios contain IRI 8-pole crystal filters and the alignment is optimized for peak performance! Write for details!

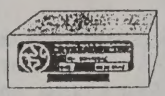
Service



- 5 - day Turn Around Service.
- Optimized Alignment Service.
- Installation of IRI 8-Pole Crystal Filters.
- We Service everything we Sell.

IRI Crystal Filters

For Kenwood
ICOM
Yaesu

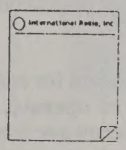


Ask these questions to yourself

- Are you continually being interferred with during a QSO?
- You can't seem to pull out a weak signal amongst the QRM?

If your answer is "YES" to either one of these... purchase our **SSB** or **CW** Crystal Filters without **DELAY!**

Newsletters & Publications



ICOM, Kenwood, and **Yaesu** Newsletters are available for just $10.00 each, per year.

- Seven years of Back Issues available -

User's Supplements

for the TS-120/130, TS-430, TS-830, TS-930, and TS-940.
These are mostly a compilation of articles reprinted from our newsletters.

IBM Compatible Computers

$1095.00

Portable Turbo XT (Compaq Clone), 640K Ram, Amber 9 in.Monitor, 2-360K ds/dd Drives, AT style Keyboard,clock,serial,parallel,port. Keyboard locks into computer front Panel, handle on back for easy transport, with dos 3.1 and IBM Comp. Brother printer.

IBM Public Domain Software

$5.00 per disk, all major titles.
Send an SASE (39¢) for our free Public Domain Catalog.
(Please add $3.00 for shipping & Handling on all Public Domain orders.)

Stop by and see our
NEW
High-Tech
Showroom!

Send a SASE (39¢) for our Expanded Product Catalog!

International Radio and Computers, Inc.
747 South Macedo Blvd., Port St. Lucie, FL. 33452
(305) 879-6868

ARMY MARS
THE PRIVACY ACT
By W.K. McPherson, AAR4ND

The Electronic Communications Privacy Act of 1986 became a law January 19, 1987. This law makes the reception of specified radio signals illegal. This shifts the responsibility for the contents of some radio communications from the person sending it to those who might receive it on frequencies that are not "readily accessible." The law will be difficult if not impossible for the FCC to enforce but is designed to resolve some problems in the use of digital video, electronic mail and other new forms of communication.

Will it have any effect on MARS and AMATEUR radio operators? Probably no.

Amateur operators are licensed by the FCC to operate on specific frequencies that are now "readily accessible." MARS operators hold AMATEUR licenses and utilize additional frequencies allocated to and regulated by DOD.

However, this new law should remind all MARS and AMATEUR license holders of their responsibility under the Radio Act of 1912 which makes it legal to receive any radio signal so long as the contents of private communications are not divulged or used beneficially (for profit). In the meantime they should use their assigned frequencies as much as possible to insure their continued availability.

Douglas Lapp, W2EKL (right) receives the ARRL 50 year plaque from Carl Zelich, AA4MI, ARRL Assistant Director, SE Div. at a Platinum Coast Amateur Radio Society (PCARS) meeting in Melbourne. (Photo by Barbara Zelich.)

OTH RADAR

A new Air Force surveillance and tracking radar system called Over Horison Backscatter, or OTH-B, could spell problems in the future for amateur radio and SWLs. Similar in operation to the well-known and highly disliked "Russian Woodpecker," the new system is currently in the planning stages for installation in the Modoc National Forest.

The west coast OTH-B system is to be located at three different sites. The transmitter will be near Buffalo Flats, Oregon, the receiver in the Rim Rock area and the Operations Center at Mountain Home AFB in Idaho. A full-time OTH-B is now operational in Maine and plans have been announced for a third south-looking system. The purpose of these systems is to detect, track and give early warning of aircraft approaching North America.

The potential problem for radio amateurs comes from the way in which these systems operate. While conventional radar systems use line-of-sight microwave frequencies, the OTH-B system project great levels of pulsed power toward the horizon. Through the use of sophisticated receivers and scanning an area of almost 1800 nautical miles from its transmitter site. Pulsed multi-megawatt power can play havoc with HF COMMUNICATIONS. While the Air Force has said that it has no plans to opeate these OTH-B systems in the ham bands, their proximity and power levels may cause reception problems for amateurs residing anywhere near any of these transmitting sites. So far, only minor complaints have been voiced by hams in the northeast who reside near the northward looking OTH-B radar system operating in Maine. Tnx N6BVU, others.

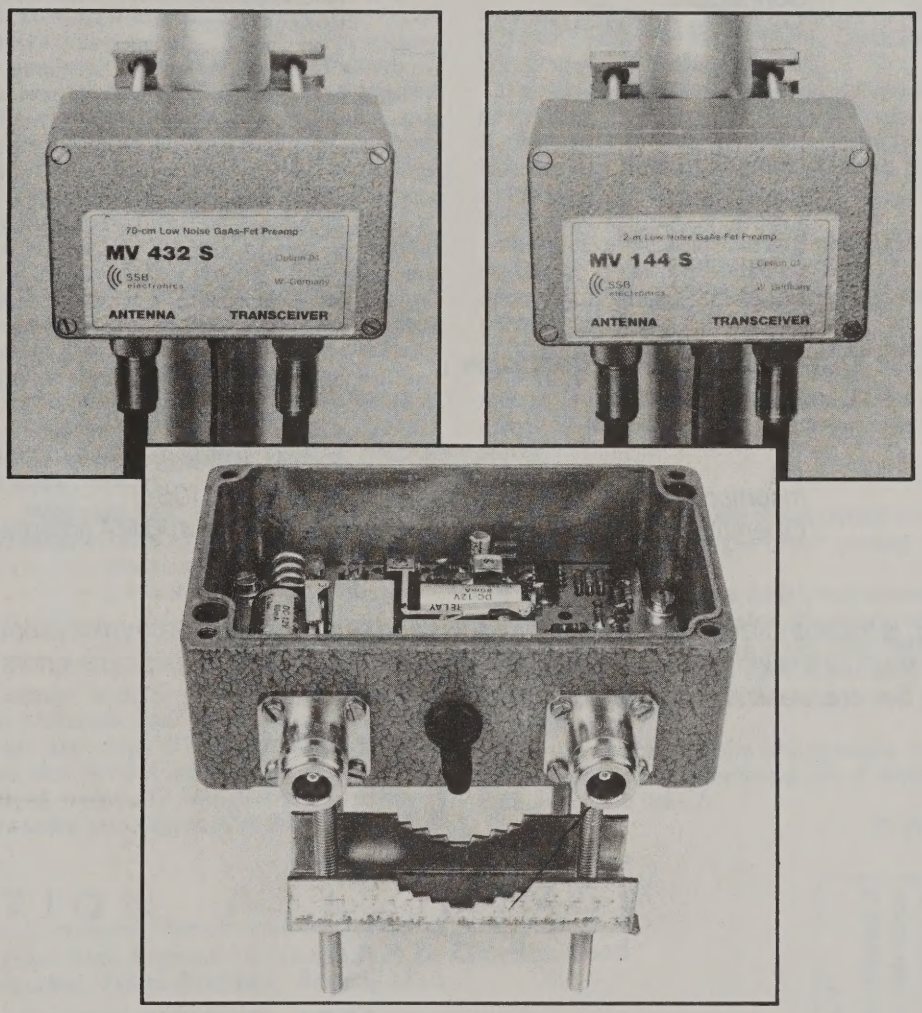
(THE WESTLINK REPORT)

CRUISE THE CARIBBEAN
By Chris Sandefur, KA6PBQ

Hams and friends! Come and join us aboard the Dolphin for a 4 night/3 day cruise to Grand Bahama Island, Nassau and Dolphin Cove, leaving Miami December 7th, 1987. We will even have a private cocktail party in our honor aboard ship! The cost? $295/person for an inside cabin OR $320/person for an outside cabin, double occupancy. $50 deposits will be collected at S.A.R.A. (Southeast Amateur Radio Association) beginning at the April 17th meeting at Veteran's Park in Lauderhill. A firm commitment is needed by June 15th, 1987. (Transportation may be available by bus from Broward County to Miami.) Please call Tony McIntosh at 741-7046 or Monte Migdol at 748-1560 for further information. This may indeed become a yearly Ham event!

VAL COMM INC.

GAAS-FET PREAMPS



SSB ELECTRONIC, WEST GERMANY

The SSB Electronics preamplifiers represent a real progress in preamplifier design. Both the MV144S and MV432S preamps use genuine microwave GAAS-FETS.

The input circuit transformation results in exceptionally low noise figures with overall gain of preamps being internally adjustable from 15 to 25 DB. The MV144S and MV432S are built in a solid aluminum case with stainless steel hardware throughout, with flanges of coax connectors and fastening screws coated with silicone grease to prevent corrosion. A MV1296S model is also available.

The DCW15A sequencer contains an electronically timed controller that delays the turn on of a power amplifier until the preamp has turned off. Power for the preamp is supplied automatically thru the coax cable. The sequencer is switched thru the push to talk line of the T/R, with additional relay outputs.

SPECIFICATIONS:

MV144S01	2 Meter GAAS-FET Preamp
Freq. Range	144-146 MHz
Noise Figure	0.5 DB
Gain (internal adjustable)	15-25 DB
Max Thru Power	1000 watts
Connectors	N female
Max Mast Dia. Mount	58MM (2 1/4")
	Price $199.00
MV432S01	432 MC GAAS-FET Preamp
Freq. Range	430-440 MHz
Noise Figure	0.7 DB
Gain (internal adjustable)	15-25 DB
Max Thru Power	500 watts
Connectors	N female
Max Mast Dia. Mount	58MM (2 1/4")
	Price $199.00
DCW15A Sequencer Controller	
Max Thru Power	2M-1000 watts
	432-500 watts
	23 CM-200 watts
Insertion Loss	Less than 0.10B
Operating Voltage	13.8 VDC @ 400 MA (internal fuse)
	Price $79.00

Val Comm Inc., is the authorized U.S. Distributor for sales and service of SSB electronics' products. We are presently importing all of the product line which includes preamps, sequencers, convertors and transvertors for the VHF/UHF and microwave bands. Serious weak signal operators demand the best.

W5LTR

Mel K. Pfeffer
President
Val Comm Inc.

EASTERN USA ASSOCIATE

Tactical Electronics
CORPORATION

P. O. BOX 1743, MELBOURNE, FLORIDA 32902 USA
TELEX: 568254 PHONE: (305) 676-6907

VAL COMM INC.
249-B MURIEL N.E.
ALBUQUERQUE, NEW MEXICO 87123 • (505) 292-7509

WALK AMERICA
C.A.R.S. STYLE
By Gruice W. Johnson, WA4LHO

On 25 April 1987 The Charlotte Amateur Radio Society (C.A.R.S.) displayed their community spirit in the true sense of 'HAM' Radio tradition by involvement in the March of Dimes Walk America. Twenty-five brave souls showed up at the appointed hour (seven AM) for a briefing by our club president Arie Cook, K4IB, and the planner and coordinator Guice Johnson, WA4LHO. These poor guys were there at six AM along with a lot of other people that were having trouble keeping their eyes open. After a brief briefing by the dynamic due (K4IB and WA4LHO) the troops left for their assigned positions along the route to start a long tour of duty. The WALK AMERICA route was twelve miles long and to some of the walkers it seemed like twelve hundred. It started in Punta Gorda at Gilchrist Park, North across the Peace River to Port Charlotte, made a circuit through Port Charlotte, South through Punta Gorda and circled back to the park. Three of our members: N4OSK Freda Begeal, KA1JC Phyllis Davis, and N8AYB Nelson Calkins, operated from the 'Sag' wagons and at times they were quite busy giving rides to walkers with blisters, tired bodies and sore muscles. Fortunately there were no serious injuries among any of the walkers. At approximately twelve thirty the route was clear and everyone retired to Gilchrist Park for a feast of Pepsi, hamburgers and hot dogs. At the award ceremony after the walk The Charlotte Amateur Radio Society was presented a very nice plaque in appreciation for their valued assistance. Other members participating were WA4NXJ, WD4HPJ, K3DMT, K9HPJ, W9QHW, WB9LMQ, KA4ALM, WA4YHN, WZ4Q, N4AUG, W4JKO, WA4MOQ, AA4RV, N1BJX, KA1JC, WD9EWR, AA4ZN, N4EAR, WB4ITH, and KC4K. We thank them all.

FOR THE XYL
DO AHEAD DILL-MARINATED CHUCK

1-1/2 cups beef broth
1/2 cup white vinegar
1/4 cup oil
2 Tbsp. dill seed
1 Tbsp. minced onion
2 teas. salt
1/4 teas. coarsely ground black pepper
2 lbs. bone-in chuck steak, 1-1/2 inches thick

Put all ingredients, except beef, in saucepan. Bring to boil, reduce heat and simmer 5 minutes. Cool. Put meat in bowl or pan. Pour marinade over meat and cover. Place in refrigerator overnight, turning when you can. Broil 4 inches from heat over hot coals, turning and basting frequently with marinade, about 15 minutes or until done. To serve, cut diagonally in thin slices. Makes 6 servings.

AMATEUR RADIO & THE BOY SCOUTS
By Vince Clark, N4NZI

On the week-end of April 3-5, the Boy Scout Troops of Southwest Florida held their Camp Miles Camporee reunion in Charlotte County. This event takes place every three years and was attended this year by 612 scouts. For the first time, amateur radio was invited to participate by Phio Johnson of the Southwest Council of Camporees and the following members of the Fort Myers Amateur Radio Club attended under the leadership of Ralph Hauser, W4PIL. Also providing communication were were Jackie Hauser, KA4MBM, Elsie Horton, KF4JA, Paul Horton, K4OVC, Bob Kimmel, WA4PIW, Quentin Morgan, WB8AZM, Willis Smith, WD4CHP, Harry Arnold, K9ALX, Louie Bal, WD9AEP, Jim Hall, W3IJR and Jim Coleman, KA4HL.

Demonstrating the expanded privilages for Novices through the new enhancement program recently approved by the FCC, Sean Hauser, KB4LTT, 11 years old, grandson of Ralph and Jackie Hauser, was transmitting messages on the 220 meter band and contacting Liaison stations located in Fort Myers by voice communication.

The hams were located in five camps throughout the area and by providing radio communication to families, eliminated the necessity of writing letters and having scouts walk a mile to the nearest mail drop.

All of the attending amateurs were made very welcome at the various campsites and once again provided volunteer communication services in the interest of community involvement and a service to the public at no cost to anyone but the hams themselves.

(MODULATOR — FT. MYERS A.R.C.)

REPEATER DIRECTORY

If you think that people aren't putting up repeaters anymore, then guess again.

This is according to the ARRL that announced that its soon to be released 1987-1988 **Repeater Directory** will contain over 12,000 listings. This is an increase of 13% over the current book.

What this means is that there is definitely a demand for more and more FM repeaters, and the growth rate appears to be far from tapering off.

Also to be included in the new directory is an expanded section on packet radio. It will contain a list of some 600 packet digipeater stations now on the air.

(THE WESTLINK REPORT)

ATTENTION ALL HAMS!

ANNOUNCING the New England Division A.R.R.L. Convention and 8th Annual Boston Hamfest, Hotel Bradford, Boston, Mass.

OCTOBER 18, 1941

A.R.R.L. Meetings—A.A.R.S. Meeting—Y.L.R.L. Meeting—A.E.C. Meeting —Ed. Tilton W1HDQ QST's U.H.F. Editor—Lt. Com. John Reinartz—2½ Meter Treasure Hunt 10:30 A.M.—12:30 P.M. Contest and Exhibition for Homemade Emergency Powered Rigs—Q.S.L. Card Contest.

WHAT SAY GANG — BRING 'EM IN.

We are planning to have booths for various bands, such as 2½, 5, 10, 20, 40, 80, and 160 meter bands, SO TALK IT UP OVER THE AIR and tell your friends that you will meet them at a certain booth.

REGISTRATION $1.00 — Banquet $2.00 — Combination $2.50
Turkey Banquet limited to 400 — GET YOUR TICKETS EARLY.

Contact Bob Williams, W1JOX, 105 Harvard Street, Newtonville, Mass., for reservations. LASell 0942.

Possible Trip to Gallups Island, Saturday A. M.

THE ABOVE POST CARD was sent to Marshall B. Goldblatt, W1IID, now W4EMB of south Miami with a 1 cent stamp on it. I wonder how many of you old timers can remember when Hamfest cost that little. Notice that band list 2½, 5, 10, 20, 40, 80 and 160 meter bands .... .. Thats when 40 meters was CW only and you had to have a Class "A" License to use 75 and 20 meter AM phone! Some fun! Remember? ? AC

FLORIDA REPEATER MAP

The only one of its kind! The 1987 6th edition of the Florida 2 meter map is off the press. Another beautiful job by map editor Bill Tucker, W4FXE - with our sincere thanks to the Florida Repeater Council. each city has its own box with frequencies listed therein. There is another list by frequency along the side. Map is again printed on 11 X 17 inches, black on yellow bond paper. Easy to read. Once again we are keeping the price down to only 25 cents each with your No. 10 (standard 10 inch business) envelope, self addressed and 22 cent stamp. Send to: Map, Florida Skip, P. O. Box 501, Miami Springs, FL 33266.

ARRL OB 8

The FCC has announced that written examination credit for amateur radio examps, PR Docket 86 63, will become effective February 13, 1987. Also, the Office for Management and Budget, OMB, has approved a revised FCC Form 610. However, the July 1985 will remain in use until revised forms are available.

NORTHWEST FLORIDA EXAMS — CRESTVIEW

FCC exams are given the second Saturday of each third month, at 9:00 A.M. Local, at the Council on Aging Building, 298 S. Wilson St., Crestview, FL. Fees $2.00, walk-ins welcome. Free Coffee, 610's on hand. Plenty of rag-chewing, talk-in on 147.36 - WB4CDR/Rpt. Bring Copy of license and an I.D. with picture (e.g. Driver's License.) Next session May 9th 1987. More infor: WB4ORK/CVE, Rt. 1, Box 189 CF, Crestview, FL 32536.

TEST PRICE INCREASE

The cost of taking a ham radio test is going up in 1987. The FCC has approved permitting VECs to charge $4.37 for administering an amateur exam. The new maximum fee reflects an increase of 1.8% in the increase of the Department of Labor Consumer Price Index between October 1, 1985, and September 20, 1986. The fee during 1986 was $4.29.

BROWARD COUNTY

CAVEC exams are held each month on the first Saturday at 8:45 A.M. and the third Thursday at 7:15 P.M. at the Racal-Milgo facility in Sunrise. The address is 1601 North Harrison Parkway. This is the SW corner of Sunrise Blvd. and N.W. 136th Ave., and is at the south end of the new Sawgrass Expressway. All exams are on a walk-in basis. Fee is $2.00 for all except Novice, which is free. Talk in is available on 145.27 (Tx-600). For additional info call Chip, AK4Y (H) 476-8761 or (W) 476-4763 or call Joe, KB4FO (H) 434-8211 or (W) 476-4567 in Broward, or during business hours from Dade 592-8600 extension 4321.

FORT MYERS FCC EXAMS

The upcoming FCC Exam Schedule sponsored by the Ft. Myers ARC (ARRL-VEC) is as follows:

May 23, 1987
Sept. 19, 1987
Nov. 21, 1987

Contact Bob Strathy, WV4F, 5428 Brandy Circle S.W., Fort Myers, FL 33907 (SASE) or phone (813) 481-4880 for further information.

DUNEDIN TPA BAY AREA

VE amateur radio exams the 1st Monday of each month, 7 p.m. at Dunedin High School (Foreign Language Building), 1651 Pinehurst Rd. Bring original and copy of license, positive identification and $4.35 Fee.

Talk-in freq. 145.210 or 145.310. Walk in will be accepted. Info from KI4MO. AA4XI or write DARA, P.O. Box 1851, Dunedin, FL 33528.

OCALA

W5YI Exams are held each month on the last Saturday at 10 a.m. at the H.R.S. Building, 2210 South Pine Avenue, Ocala, FL (directly behind JobFinders Office Bldg.). All exams are on a walk-in basis. Fee is $4.35. Novice tests free. Talk-in is available on 145.13 (TX-600) or contact Jerry K4UBR 629-6049 or Terry N4NWN 351-0469.

JACKSONVILLE FCC EXAM

FCC exams will be offered by theNOFARS-CAVEC VE's in Jacksonville, FL at Ed White High School at 6 P.M., 1700 Old Midleburg Rd. on 14 May and 12 November 1987 and also at the Greater Jacksonville HAMFEST on Saturday afternoon, 1 August 1987 at 1 P.M. Bring photocopy of your license, original of any Code/written Credits, $4.00, and positive photo ID. For additional info contact Pete Nissen, W4PTT, 7825 Ll Trec Dr., Jacksonville, FL 32221-6739 (SASE) or phone 904-781-0972.

BOCA RATON AREA EXAMS

FCC exams are given by the IBM Radio Club at the IBM facility in Boca Raton. Exams are scheduled for the first Friday of the month at 5 P.M. Bring a photocopy of your license, positive I.D., and $4.35 to cover the testing fee. Contact Pete Brunet, WS4G, during working hours at **998-2512** for more details.

TREASURE COAST EXAMS — VERO BEACH

FCC exams for all Radio Amateur licenses will be given in Vero Beach on Saturday, March 28, beginning at 9:00 A.M., at the American Red Cross Building (25th St. and 17th Ave.). Walk-ins are welcome. Bring original and copy of license, a POSITIVE I.D. and $4.35 fee. The exams will be given under the auspices of the Treasure Coasters Repeater Association. Additional details can be obtained from K4QM.

DADE COUNTY
AMATEUR RADIO EXAMINATION SCHEDULE

LOCATION: Dade County Emergency Opeations Center, 5600 S.W. 87th Avenue, Miami, FL 33165.

Examinations start at 9:00 A.M..

Sat., June 13; Sat., July 11; Sat., Aug. 8; Sat., Sept. 12; Sat., Oct. 10; Sat., Nov. 14; Sat., Dec. 12, 1987. (Second Saturday of the month.) Tropical Hamboree, Dade County E.O.C., 5600 S.W. 87th Avenue, Miami, FL, Saturday, February 7, 1987 — 9:30 A.M. Walk-in examinations on test available basis. FCC Form 610, photocopy of license, positive I.D., $4.35 check payable to ARRL/VEC needed for exam. Mail FCC Forms and Check to: Bill Miller, N4EFQ, 9910 Collins Avenue, Bal Harbour, FL 33154.

Call for further information: Ron Bell, WN4L, 247-2944 after 6 p.m.

LAKELAND

ARRL Volunteer Exams will be held at 10:00 a.m., Saturday, March 7, 1987 at the American Red Cross building, 1815 Gilmore St., Lakeland, FL. Novice exams are free; all others are $4.35 (chekcs made payable to ARRL/VEC). All candidates must present their original Amateur Radio license (if any) to the VE team before testing. A photocopy is also necessary to forward with exam papers. Walk-ins will be accepted but prior registration will be appreciated with Bruce Britt, N4NGP, 4659 Dossey Road, Lakeland, FL 33811, 813/646-3120. FCC Form 610 is available for a S.A.S.E.

WEST PALM BEACH

The Palm Beach Amateur Radio Council, Inc., is giving Amateur Radio License Tests on each 3rd Saturday of each month, at Palm Beach Junior College, 4200 Congress Avenue, Lake Worth, Florida, Room - Criminal Justice 101, at 9:00 AM. The tests are given under the ARRL-VEC and currently cost $4.35. Walk-ins permitted on an materials available basis. Pre-registration strongly advised, except for code testing. Next tests June 20, July 18, August 15, September 19, October 17, November 21 (may be at South Florida Fair Grounds), and December 19, 1987. —73 KG4U.

DUNEDIN TPA BAY AREA

V.E. Amateur Radio exams the 1st Monday of each month, 7 p.m. at Dunedin High School (Foreign Language Building), 1651 Pinehurst Rd. Bring original and copy of license, positive identification and $4.35 fee.

Talk-in freq. 145.210 or 145.310. Walk in accepted. Info from KI4MO, AA4XI or write DARA, P.O. Box 1851, Dunedin, FL 33528.

P.A.R.C. FCC RADIO EXAMS RESULTS

On Saturday, March 21, 1987, the P.A.R.C. held exams for radio amateurs in Ft. Walton Beach, Florida with the following results:

Extra Code Exams — 4 passed; Extra Written Exam — 1 passed (no one upgraded); Advanced — 5 upgraded; General — 5 upgraded; Technician — 6 upgraded; Novice — 2 passed and are awaiting licenses.

A total of 35 exams were given for all classes. 5 VE's were present.

73, Bob Watson, W4DTV, VE P.A.R.C.

INTERFERENCE HANDBOOK

The FCC's Field Operations Bureau has a new book, "Interference Handbook" for sale. It costs $2.50 per copy. The stock number is 004-000-00450-7, and it can be obtained from: The U.S. Government Printing Office, Superintendent of Documents, Washington, DC 20402.

ARNS BULLETIN, K0NL

WE'RE HERE

WE'VE MOVED!!!

WHY? To serve **you,** our **valued customer,** with the best quality prices and service that you deserve.

WHERE? **5001 N.W. 72nd Avenue,** directly on Milam Dairy Road and the corner of N.W. 50th Street. **You can't miss us!**

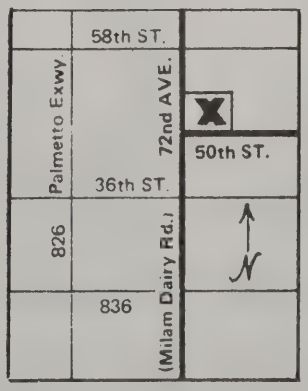
WHEN? **As of January 2, 1987** . . . a new era starts in communications in South Florida! Stop by and visit our new hi-tech showroom with all the major brands on display!

INTERNATIONAL RADIO SYSTEMS

5001 N.W. 72nd Ave., Miami, FL 33166

(305) 594-4313/4314

Hours: Mon.-Fri. 9:30-5:30 Sat. 9:30-2:30



STOLEN EQUIPMENT INFORMATION SERVICE

By Jan Zysko, N4MEI - Paragon Technologies

There seems to be a recent increase in the number of amateurs having equipment stolen in the South Florida Area. Two meter mobile rigs seem to be a popular target even in cases when other high-tech equipment (cellular phones, radar detectors, scanners, etc.) was just as accessible. In the ten or so cases we've heard of in the past few months, the MO has been the same — late night or early morning smash-and-grab from a locked car parked at home.

In an effort to at least insure ourselves that our next purchase of used equipment is legit, the Florida Skip is hosting a stolen equipment information service. Through the data services of Paragon Technologies, we will maintain an information file on the stolen equipment (MAKE, MODEL, SERIAL NUMBER, IDENTIFYING MARKS, MODIFICATIONS, etc.) along with the particulars of the victim (NAME, ADDRESS, PHONE, CLUB MEMBERSHIPS) and specifics of the robbery (WHERE, WHEN, HOW, POLICE CASE or REPORT NUMBER and CONTACT NAME, PHONE NUMBER, etc.). We will regularly run a stolen equipment listing in the Skip for your benefit. A central repository of this type of information that is accessible by fellow hams is sorely needed in today's climate where the criminal appears to have more rights than the victim. Besides, who knows our equipment better, who can recognize a non-ham by merely listening to his radio procedures and who provides (at least part of) a large market for radio equipment?

One day we hope to have a toll-free hot-line that anyone can call and see if a particular piece of equipment is listed as stolen. If it is, a caller can just leave a "tip" of where the equipment is and we'll notify the proper authorities. No need to let us know who you are but it would make it easier. In the meantime, we'll have to rely on building and accessing the data base by mail or you can call in your info or request and leave the particulars on our recorder at (305) 238-7226. Please don't ask us to return vour call unless its local or you give us permission to call collect.

There are a host of possibilities of good things that could come out of this service, but it will take the cooperation of the entire ham community to make it work. Your comments and suggestions are always welcome. 73.

FLORIDA SKIP STOLEN EQUIPMENT HOTLINE

Please call PARAGON TECHNOLOGIES at (305) 238-7226 or write to P.O. Box 163135 Miami, FL 33116 if you have had amateur radio equipment stolen or know the whereabouts of any of the following:

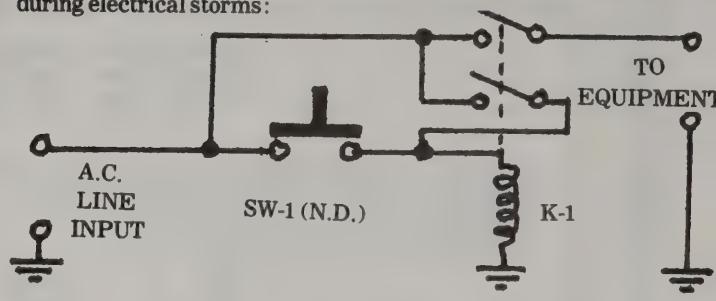
MAKE	MODEL	TYPE	SERIAL NO
~~ADVANCED RESEARCH~~	~~VBG-144V~~	~~2 M PREAMP~~	~~?~~
~~AZDEN~~	~~2000~~	~~2 M MOBILE~~	~~?~~
AZDEN	PCS-4000	2 M MOBILE	200540
AZDEN	PCS-4000	2 M MOBILE	202660
BIRD	43.	WATT METER	111008
BIRD	43	WATT METER	?
FLORIDA	CUSTOM TAG	LICENSE PLATE	WB4KSD
ICOM	02-AT	2 M HAND-HELD	34872
ICOM	22-S	2 M MOBILE	?
ICOM	25A	2 M MOBILE	14510525
KANTRONICS	TNC-1	PACKETT TNC	49504
KENWOOD	SP-100	SPEAKER	?
KENWOOD	TM-211A	2 M MOBILE	5101179
KENWOOD	TM-2550A	2 M MOBILE	6060616
KENWOOD	TW-4000	2 M/440 MOBILE	3121204
~~MICROWAVE MODULE~~	~~MML 144200G~~	~~2 M LINEAR~~	~~?~~
TRIPPLITE	40 AMP	DC SUPPLY	?
YAESU	FT-227R	2 M MOBILE	?

We are pleased to report that the items crossed out were recovered by KB4PNH. Details will follow in next months issue.

A Tempo 2 meter hand-held has been found and being held by local official in Miami. If you are the owner and can provide the serial number and proof of ownership, please call the HOTLINE above. This item will be held for approximately 6 months before disposal.- 73 Jan N4MEI.

ANTI-CYCLING RELAY

To prevent primary power transients causing equipment failure during electrical storms:



SW-1 must be made to energize K-1. K-1 will provide power to equipment until such time as a major power interruption, normally caused by electrical storms, occurs. Switching transients, lightning strike voltages and other electrical storm generated and power restoration phenomena are isolated from equipment until SW-1 is again made. Rapid off-on power cycling as switching takes place in the commercial power networks is isolated from the protected equipment by the anti-cycling relay. This rapid cycling of power can be more damaging than line surges. Electrical motor driven devices are very susceptible to damage from this type of cycling as well, especially refrigeration equipment trying to start will full pressure on the compressor.

My experience has shown that, on Florida (FPL) and other power networks in the U.S., transients on power lines, following initial power outage due to a lightning strike or other storm related phenomena, may exceed the capabilities of even the best commercially available surge and transients protection systems. With the drop of the K-1 input, UPS equipment, necessary for critical systems, will provide power until such time as an intelligent decision to restore commercial power — E.G. — after storm has passed. — and SW-1 is made — can be reached.

J.J. Sheehan, N4WHG, Melborne, FL

Submitted by Mike Crite, N4KV1. **(The SBARC Aardarki)**

50 WATT LINEAR AMPLIFIER FOR FM & SSB USEFUL FOR REPEATERS FOR UNDER $50.00

Sound too good to be true! I'll send you a 50 watt linear amplifier 420-470 Mhz. FM-SSB in "kit" form, complete with all the necessary parts (except the heatsink - use your own) along with detailed photos, instructions and illustrative diagrams for your trouble-free assembly and usage.

Just tell me which model is right for you!

Kit No. 1 8 to 10W input gives 100-150W output.
Kit No. 2 20 to 35W input gives 100-150W output.
Kit No. 3 8 to 10W input gives 100-150W output.

From $39.50

ADD $4.00 INSURANCE & POSTAGE

SEND SASE FOR COMPLETE KIT FORM PARTS LAYOUT

POINTS SOUTH ELECTRONICS
4099 W. 18th Ave., Hialeah, Fla. — 33012
(305) 557-9477

Bellevue, Wash...April 15,1987 Icom of America realeased the list of it's latest models. They include the **TOP OF THE LINE** IC-761 ALL MODE HF HAM/GENERAL COVERAGE BASE STATION TRANSCEIVER. The IC-761 is a full featured HF transceiver with built-in AUTOMATIC ANTENNA TUNER, built-in power supply, SSB/CW/FM/AM/RTTY modes, direct KEYBOARD frequency entry, passband/IF shift tuning, QSK up to 60 WPM, built-in automatic keyer.

The next entries in this sensational line up of base station rigs are the **SUPERSTARS** of the VHF catagory are the IC-275A(25 watt) and the IC-275H(100 watt). These heavy weights are FULL FEATURED including ALL MODE OPERATION: FM/SSB/CW/PACKET, WIDEBAND RECEPTION(138 to 174MHz), Packet compatible(with front panel DATA switch), dual VFOs, 99 memories(5 second scan), true passband tuning, notch filter, 32 subaudible tones, plus many other features and options. These rigs are compact in size(9.5"W x 3.7"H x 9.4" D).

NOVICES BEWARE.....ICOM IS OUT TO GET YOU WITH THE NEW IC-375A base station **220MHz** transceiver. This beauty is a very close relative to the IC-275A the difference is, of course, the frequency range(Tx 220-225MHz, Rx 216-235MHz). Just about evry other feature is the same.

ICOM
First In Communications

IC-761
IC-275A/H
IC-375A
IC-575A
IC-900A

PLUS MORE

COME IN AND SEE THESE NEW MODELS

FREE FRESH BREWED COFFEE ALL DAY

WB4RFC

MIKE SPIVAK

MIKE'S ELECTRONICS

1001 NW 52 STREET
FORT LAUDERDALE, FLORIDA 33309
305-491-7110

3 BLOCKS NORTH OF W COMMERCIAL BLVD ON NW 10 TERRACE

This space is available for your business card ad one full year for only $75.00. Just send your business card & call sign or any other ad that will fit this space. Editor

"KNOWN FOR SERVICE"

EVELYN D. GAUZENS
W4WYR

FUTRELL COMPANY, INC. REALTORS
11209 South Dixie Highway, Miami, FL 33156
(305) 233-4444 • Eves. (305) 642-4139

Paragon Technologies

Printed circuit board artwork from your schematic

Jan Zysko
N4MEI

12663 SW 116 Ct.
Miami, FL 33176
(305) 238-7226

Sumter County Amateur Radio Tribe Repeater

BUFFALO

WOLF

WB4MOY

Owned By Beverly Darbyson
443.125 / 448.125

Rt. 2 Box 431
Bushnell, Fla. 33513

K4LVZ
Gerald R. Skinner
APPRAISER
BROKER-SALESMAN

W4TQE
SHIRLEY M. SKINNER
REALTOR-ASSOCIATE®

REALTY WORLD® — Realty II, Inc.
561 Maitland Avenue, Altamonte Springs, FL 32701-6398
Bus: (305) 331-0062 After Hours: (305) 679-0976
Each office independently owned and operated

FIRST QUALITY NICAD BATTERY PACK FOR YAESU 207-208 . . . $28.00
Commodore Computer Chips, PLA 82S100: $17.00
CPU 6510: $12.00, PIA 6526: $12.00, 6567: $17.00
6581: $15.00, 8701: $9.00
NEW!!! Diagnostic Chart for Commodore C 64-128
Repair Your Own Computer: only $6.95
EXAR Chips: 2206: $4.40, 2207: $4.25, 2211: $4.95
RF Transistors, Diodes, Adaptors, Connectors
Add $2.00 Shipping Per Order

AL SMITH, NR2K
P.O. Box 94, East Rockaway, NY 11518
(516) 599-5064

HIALEAH ELECTRONICS INC.
EXPERT ELECTRONICS DISTRIBUTORS
WHOLESALE • RETAIL • EXPORT

Joe WB4WNA

514 EAST 9th STREET
HIALEAH, FL 33010
887-5936 • 885-0992

- *Electronic Parts Specialists*
- *Audio-Video Accessories*
- *TV Antenna Systems*
- *Marine Antennas*
- *RCA Closed-Circuit TV Distributors*
- *Test & Design Equipment*
- *Intercom Systems*
- *TV & Computer Service Schematics*
- *Digital Components*
- *Complete Parts Inventory*
- *Professional & Friendly Assistance*

YOUR #1 ELECTRONICS PLACE

THE **Cavender** CORPORATION
Realtors Since 1957

MLS

W4ZD & TI2BEV
BEV B. CAVENDER
PRESIDENT
G.R.I.

1200 U.S. 27 N - P.O. Drawer 1083, Lake Placid, FL 33852
Office: (813) 465-4451 or 385-5133 - After Hours: (813) 465-2638

FOR ALL YOUR **REAL ESTATE** NEEDS
COMMERCIAL • RESIDENTIAL • INDUSTRIAL

MARK ROSNER • N4BDZ
BROKER — ASSOCIATE

(305) 921-6610
(305) 923-3333

belmont PROPERTIES INC. REAL ESTATE SERVICES

1643 HOLLYWOOD BLVD.,
HOLLYWOOD, FLORIDA 33020

MLS

Florida Custom Plastics
CUSTOM ENGRAVING

KA4HWY

HARRY and JUNE KEITH

- ENGRAVED CALL AND NAME BADGES
- IDENTIFICATION PLATES
- DESK SETS AND PLASTIC SIGNS

LICENSE PLATES
PLEXIGLASS SIGNS

9900 ULMERTON ROAD, NO. 56
LARGO, FLORIDA 33541

PHONE (813) 584-5121

DOC'S
Communications

KC4EV

N4ECA

702 Chickamauga Ave.
Rossville, Ga. 30741
404-866-2302 • 404-861-5610

'BUY FROM YOUR FELLOW AMATEUR' DEPT.

FELLOW AMATEUR: Here are several firms that have an interest in YOUR business! They have seen fit to support the FLORIDA SKIP by giving us a little revenue each month in return for your support. If you have a need for the services listed, you can't possibly do better than to deal with a fellow amateur, can you?

COMMERCIAL- AVIONICS- SOLID STATE- DIPOLE- LONG WIRE- MILITARY- MARINE

"THE AMERICAN ORIGINAL"

MADE IN AMERICA BY AMERICANS

MAXCOM

AUTOMATIC ANTENNA MATCHER ®

FOR ALL S.S.B. RADIOS

"ONE ANTENNA 100 KHZ. TO 200 MHZ."

MAXCOM has made Global Communications Simple!!!

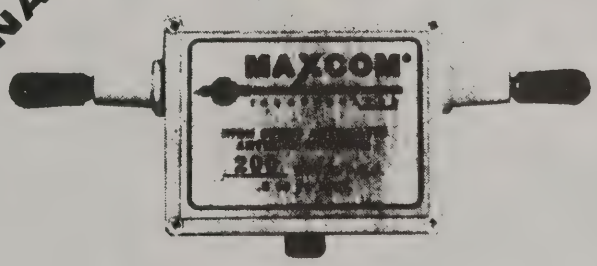
TEN MODELS:
150 WATTS TO 10,000 WATTS
$299. TO $1,999.

VSWR 1.5:1 OR LESS

FIVE YEAR GUARANTY ON MOST MODELS

SOLD BY SERIOUS, PRACTICAL RADIO DEALERS

"THE ONLY ANTENNA SYSTEM YOU REALLY NEED"



Absolutely no tuning with a MAXCOM system.
Simply connect, dial your frequency and talk...
That's it, just TALK.

OVER 4000 MAXCOM STATIONS WORLD WIDE

MAXCOM, INC. BOX 502, FT. LAUD., FL. 33302

305-527-5172 © 1986 Maxcom, Inc.

THE BOTTOM LINE: "MAXCOM WORKS"

NO MOVING PARTS-INSTANT MATCHING-50 OHM INPUT- LOW NOISE-NO CONTROL LEADS- LIGHT WEIGHT

AMATEUR- HIGHEST EFFICIENCY- 200 WATTS TO 10,000 WATTS- FIVE YEAR GUARANTY- QUALITY-

DX IN FLORIDA

By Tom Mannix, WA4YLD

Hello DXers from the SFDXA. All requests for information or comments about the column should be directed to W4WJ, via the callbook address, on the DX repeater 147.930/330.

Since DXing is affected by the sunspot cycle, we are all watching and waiting for the "bottom" of the current cycle. Some of the forecasts have placed this "bottom" somewhere in the last months of 1986 to the first months of 1987. Well, we can't go much further without seeing some better solar flux numbers!! The numbers have been averaging around 72 to 75 the past couple of months and for the last three days they have been 100 or over!! Hope springs eternal for steady improvement!

In spite of the poor sunspot activity there has been some six meter DX openings to Central America. Also heard and worked by many have been Franz Josef Land, BV9RB, BV0AA, BV1QH, C31LBL, CV0BAB, HL9DJ and a number of other DX stations not often heard recently. This shows that the DX is out there waiting for those who have the patience to look for it.

This brings me to a point that is often overlooked by the beginning DX'r. My current log sheet lists about twenty three stations worked. Of the twenty three only one was worked by calling CQ. That one, ZL1SM, was worked on a hunch that 15 meters was open to the Pacific around 6:00 PM local time. Two calls and the ZL answered. The fact is that our experience indicates that 95 percent of the DX worked was worked by listening a lot! Not only does this method let the operator sort out who he wishes to work, but if there is a pileup it allows him to determine how the DX is answering calls. Is he working them up 2 or 5, and where does he pick most of them? Does he answer the suffix only calls or those giving complete calls? Is he working Europeans only or stateside "4's" only? All of the foregoing and more, learned by listening before calling, gets the DX to answer your call with a lot less calling and anxiety on your part. SO — LISTEN, LISTEN, and LISTEN!!!

One of our members, K8UNP, has his Golden Jubilee certificate already and it's beautiful. Several of the members including myself have recently completed the one hundred DX contacts and are in the process of applying for this very nice award. Several others are close behind in completing this contest celebrating 50 years of the DXCC Program sponsored by the ARRL. Why not get going and participate in this fun program? Until next month, 73, Tom.

WHAT'S THE MATTER WITH SIMPLEX?

Some of our more learned members, realizing the large number of members in our Association and not wanting to tie up our repeaters with their QSO's, QSY to one of their favorite simplex frequencies as soon as they can. For the benefit of those who may not know which one to pick, the following frequencies in general usage can help in making selections for two meters.

144.20	National Calling Frequency
144.90-145.10	Weak Signal and FM Simplex*
145.50-145.80	Miscellaneous and Experimental Modes
146.40-146.58	Simplex
147.42-147.57	Simplex

* Frequencies 145.01, .03, .05, .07 and .09 are being used for Packet Radio.

Some specific frequencies are:

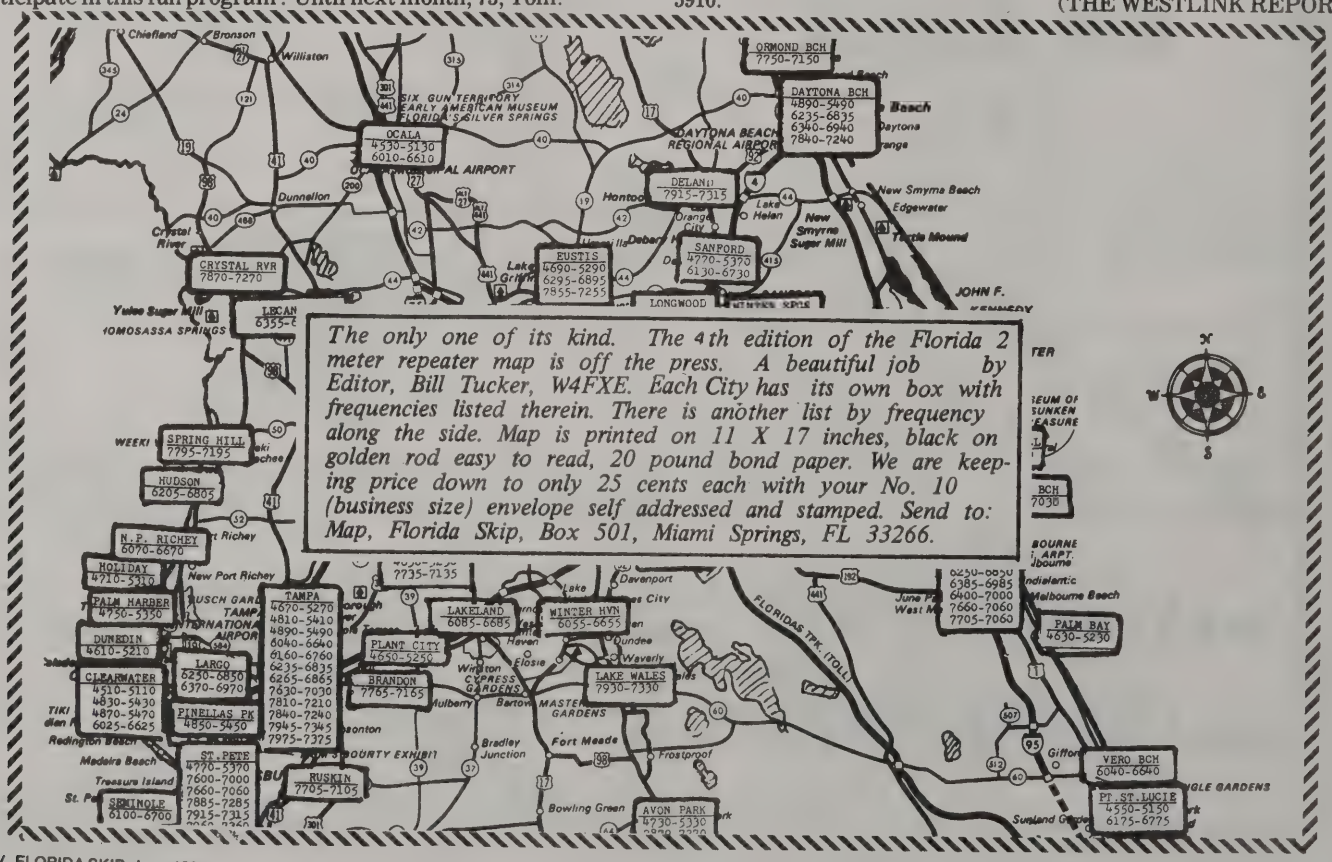
*146.40	*146.505	147.42	147.525
*146.415	•146.52	147.435	147.54
*146.43	146.535	146.45	147.555
*146.445	146.55	147.465	147.57
*146.46	146.565	147.48	147.585
*146.475	146.58	147.495	
*146.49	146.595	147.51	

• National Simplex Frequency
* May also be a repeater input or output

(Printed Circuit - G.A.R.S.)

The 1987 Edition of the World Radio and Television Handbook is now available. The WRTH is a valuable reference guide for hams, SWLs and other radio enthusiasts to almost every known broadcast entity in the world. The list price is $19.95 plus shipping. The new edition has confirmed availability in the United States from the Century Print Shop, 6059 Essex St., Riverside, CA 92504. (714) 687-5910.

(THE WESTLINK REPORT)



N&G . . . MIAMI'S LEADING DISCOUNT DEALER
WHOLESALE PRICES TO ALL . . .

Just minutes from Miami's International Airport.

one stop shopping electronic dept. store . . . ***We ship anywhere in the world.***

- Counter intelligence equipment
- Night vision equipment
- Aircraft
- Marine
- Amateur
- Commercial
- Money counters

N&G Electronics
Counter Intelligence & Communications
1950 N.W. 94th Ave.
Miami, Fla. 33172

- ARRL
- AVANTI
- BEARCAT
- BENCHER
- BIRD
- BRANDT
- CUBIC
- CALL BOOK
- COBRA
- CONNECT SYSTEM
- DURACELL
- DAIWA
- ENCOMM
- E.T.O. ALPHA
- FIRESTICK
- GLORY
- HENRY TEMPO
- HAL
- HUSTLER
- ICOM
- KENWOOD
- LARSEN
- LITTON
- MFJ
- MINI PRODUCTS
- MIRAGE
- NARCO
- NYE VIKING
- PALOMAR
- R.F. PRODUCTS
- ROHN
- RESEARCH ELECTRONICS
- SANTEC
- SHURE
- SPECTRUM
- TELREX
- TELEX HYGAIN
- TERRA
- TRIPP LITE
- UNIDEN
- VAN GORDEN
- WACOM
- YAESU

Dade (305) 592-9685

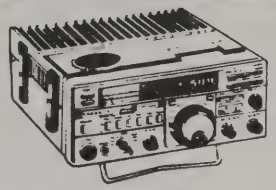
Broward (305) 763-8170

Telex 9102401958 • Answer Back NG DIST UG

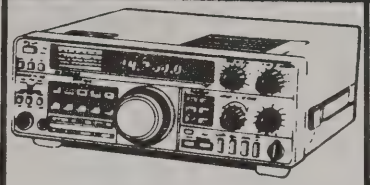
Open 9-6 Mon.-Fri. Sat. 9-5

We'll be open 24 hrs. a day for our South American customers upon request.

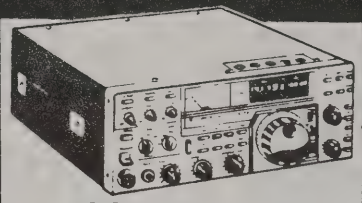
Absolutely no tuning with a MAXCOM system. Simply connect, dial your frequency and talk . . . That's it, just TALK..



YAESU FT-757GX
all model transceiver



KENWOOD TS-440S
HF transceiver



1COM 1C-751
the new standard of comparison

HUSTLER

HUSTLER
amateur antenna products from 3 to 900 MHZ CB, Amateur, or Business-band.

"Serving South America and The Caribbean Since 1956"

NOSOTROS LE ENTREGAMOS SU ORDEN A cualquier **EXPORTADOR, EMBARCADOR,** o al **Aeropuerto Internacional de Miami GRATIS!** . . . Llámenos desde cualquier parte del mundo y le preparemos su **ENVIO** a **SU PAIS.**

(L to R) Frank Fugle W4FF being presented with a 50-year Golden Award by the Late David Bowman W4OUU, Secretary of the Caloosa Chapter QCWA.

FLORIDA STATE QCWA NEWS

Edited by Eli Nannis, K4JMH

HERNANDO CHAPTER: The March meeting was held at Gliror's in Brooksville. George Puckett of Florida Power gave an interesting talk on lightning. Anniversaries observed were John and Welma Lyster, K8CDZ, Mac and Helen Maclean, W4TXA, Lloyd and Clarice Thomas, W4PFV, and Ed and Dorth Edwards, K2CIN. Lois, W4PQN, has accepted the Treasurer's job. A "Brown Bag" picnic was held at McKetchan Park on March 24.

—Reported by Eunice Gordon, W1UKR

PELICAN CHAPTER: There were 38 members and guests present at the April meeting. Our luncheon meetings will be suspended following the May meeting for 3 months, however the regular get-together breakfasts at Granny's will be held the first Wednesday of each month and the Saturday weekly net at 10 A.M. on 147/06 will also continue all summer. Charter member John Smith, W4ACG, and his extensive antique wireless collection was featured in a full color spread in the St. Petersburg Times. It is nice to see this well-served recognition to such a great guy. the chapter will have its final meeting May 20th at sea. It will be on the "Belle of St. Petersburg" a paddle-wheeler and it will include lunch. A new member was welcomed, Pete Odell, W8PFO.

—Reported by Don Bice, W4PCO

GATOR CHAPTER: Our April meeting was most delightful after the hubbub of last month's meeting. There were 61 members and guests at the meeting. We had another fine program by Mr. Harry Bagwill, Field Representative of the St. Petersburg Office of Social Security. They have representatives twice a week at the Largo City Hall to answer or solve any problems on this subject. Mr. John Bernard, W4BRZ, President of the Gateway Chapter in Jacksonville, was introduced and he invited everyone to the Jacksonville Jamfest held in August of each year and it will be held in the new Civic Auditorium. Wedding anniversaries for our members were the Parkers 48 years K4JF, the Burkes W3VR, W3CUL, and the Grants W1GJZ, 48 years. The Clearwater Amateur Radio Society repeater on 37/97 very kindly allowed our chapter to run the Saturday morning net at 9 A.M. We were using 146.55 Simplex. Our coverage will be much better now. There were a number of errors on the write up on the QCWA convention in the last issue of the QCWA News, however we have been advised it will all be corrected in the next issue.

—Reported by Eli Nannis, K4JMH

CENTRAL FLORIDA CHAPTER 107 held their regular meeting on 18 of April at the Sirloin Steak House, 98 North of Lakeland, 31 members and guests attended.

Richard Bell, Polk County Co-ordinator of 911 Emergency System, was the guest speaker. Mr. Bell explained, in details, how the system works. This very important number (911) found on your telephone, will play a very important part in the lives of persons in the area, which hope to be in operation in a few months.

The club has a frequency, 14.245 MHz on every Thursday at 12:30 P.M. local time which we use for keeping in contact with club members and friends who are on vacation trips, emergencies and snowbirds that leave Florida. This has been in operation for several years with very good results. The amateurs who are very consistent on the frequency every Thursday are W4JM Jim, W4YRK Ulis, W4LHP Sparky and N4LBG Dwight. All put out a very fine signal.

—Reported by Charles F. Stevens, K8RIF

New 1987 QCWA officers for the Everglades Chapter: L to R: Harry Belock AA2X V.P., Mark Devaney K4IDC, Secy., George Graveson K4JI, President and Joseph Trahan, W4UCL, Tres. (Photo by Chapter member Frank Reiner, W4JVR) For details call any officer in Ft. Lauderdale area.

QCWA
QUARTER CENTURY WIRELESS ASS'N, Inc.

An organization of amateurs licensed over 25 years who are interested in preserving the history and traditions of Amateur Radio and in pioneering the developments of the future.

For information, write:

Quarter Century Wireless Association

1409 Cooper Drive Irving, TX 75061

S O S

The letters S O S have been around for nearly 80 years. The makers of the "SOS PADS" picked a perfect name for their household/hamhold users! For years Ye Editor has been using the SOS scrubbing pads to clean and polish amateur antenna elements!

Just follow the simple directions on the box and I assure you, your old vertical or beam will look like new. It is suggested to clean the beam elements below the clamps be sure to make a mark with a small file to be sure the element is replaced to the exact position. Try it - You'll like it..... W4IYT

• SANTEC • KDK • TOKYO HY-POWER • WELZ • KENPRO • SANTEC •

SANTEC

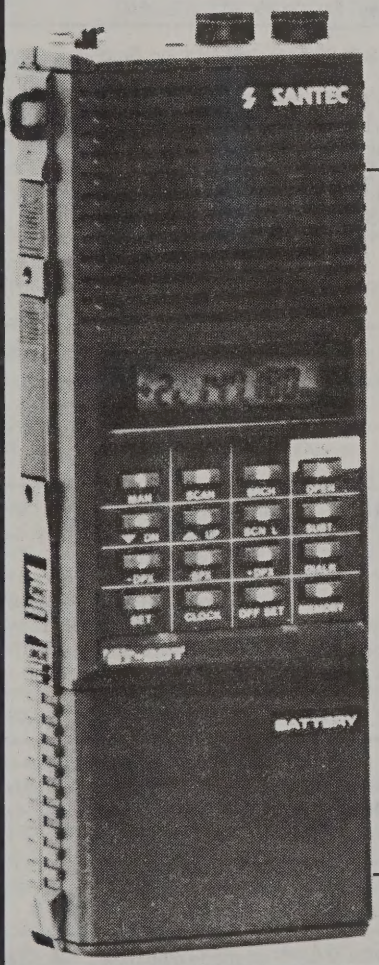
Something "Old" For 1987

No Model Change - SANTEC got it right the first time!

There's A Whole New Crop of Handhelds Out!
Everybody has a new updated version. . . .
Presenting the 1985 SANTEC ST-20T. . . .
No new updates, No new Hand Held
It ALREADY DOES everything You want!

SANTEC Still Leads The Way in Features YOU Want In A Handheld
SANTEC Still Leads The Way in Ease of Operation - Not Complicated

The ST-20T



Why Spend "Big Bucks" for a "New" Model Name, When SANTEC Has What You Want Already and at a very reasonable price. SANTEC, Designed by American Hams has always been years ahead of its time. The Competition still hasn't caught up, and probably never will. The SANTEC ST-20T is the best Dollar Value on today's Amateur Market. Check out all the new ones, then check Williams Radio for a SANTEC. You can't do better -- we can show you!

Some of the features of today's SANTEC ST-20T

- Direct DC (7-17V) Operation. No options or plugs to buy
- First with "Battery Saver" - Lithium Battery Backup
- First and only Handheld with Auto-dialer memories
- First and only Handheld with 24-hour clock
- First and only Handheld with simplified key board entry
- ROM Memory eliminates unnecessary keyboard functions
- 10 Memory channels - four modes of scan - automatic offsets
- First with individual channel "oddball" offsets and sub-tone
- 1/2-watt and 3-1/2 watts on 9.6V 250mah battery (5W Dir DC)
- 5-watts Direct DC or with optional 450 mah battery paks
- Analog-lighted "S" Meter - Lighted Full LCD Readout
- Simple modification to receive 158.9 to 164 Mhz (Incl NOAA Wea)
- Four modes of Scan on band or memories (Scanlock on Memories)
- Set lower limit, upper limit and scan rate 5 khz to 100 khz
- Battery charged with Direct DC line or with Wall Charger
- Direct Keyboard entry for all frequencies & functions

Plus these little extras from Williams Radio

• FREE UPS Brown Shipping • Your Battery is Charged, your clock set • We guarantee your radio 100% when you receive it • Exclusive Williams Radio Customer Discount on Accessories (extra 5%) for future purchases. • The exclusive Williams Radio Weather Mod instructions included in the box. (Weather mod installed for you at reasonable fee)

SANTEC

BATTERY PAKS
$32.00

ST-600-B3 nicad pak (9.6vdc @ 600 mah) Fits Santec Models: HT-1200, ST-7, ST-144, ST-220, ST-440, ST-142, ST-222, ST-442. We pay UPS shipping.

The Nation's Premier KDK & Santec Dealer!

WILLIAMS RADIO SALES

600 LAKEDALE ROAD, DEPT. R
COLFAX, N.C. 27235

For Orders ONLY - Call Toll Free
1-800-523-0347
NC Call (919) 993-5881
NOON to 10:00 PM EST

• SANTEC • KDK • TOKYO HY-POWER • WELZ • KENPRO • SANTEC •

RATE CARD INFO. HAMBAR service of electronic equipment ONLY is available to all subscribers, amateurs and non-amateur at the rate of 10cents per word, which includes address, call sign, etc. Minimum charge for any HAMBAR is $3.00. All commercial and non-subscribers rate is 15 cents per word. Minimum charge of $5 00 for each HAMBAR. No reruns. Each HAMBAR must be resubmitted each month. No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain the full mailing address, call sign and the ZIP, Area-phone number, if any. Make it EASY for person wanting to buy YOUR equipment. No HAMBARS via telephone! COMMERCIAL DISPLAY. Full Page $120.00. Half Page $75.00, 1/4 Page $55.00 and 1/8 Page $36.00. CAMERA READY. Lay-out, make-up, typeset fee is extra according to size of ad and typset required for same. DEADLINE for all Hambars and ads, 8th of each month in P.O. Box 501, Miami Springs, FL 33266. Normal mailing date 25th of each month. Thank you for your cooperation. Editor.

SELL: KENWOOD TR7625 2M $150. A.C. power supply $50. Excellent condition. Larry Fettron W3LSV 5052 N.E. 15 Ave. Ft. Lauderdale, FL 33334 305 771-7956.

KENWOOD: Sm-220 monitor scope, $325.00 TS-820 Xcvr, $550.00 DKG 520, used for 520 Xcvr for DG5, new $36. YAESU: Sp-107P phone patch/spkr, $79.00 FTV-901 transverter with 2 meter mod. $325.00 FT-901DM Xcvr $550. DRAKE: R4c rcvr $325. TR7, PS7, $800.00 RV-7 $90. We BUY USED GEAR' K3UKW, Tony Musero - 1609 So. Iseminger St., Phila. PA 19148 215 - 271-8898.

ESTATE of W4NAV: Kenwood TS102S with PS-30 and MC-50 desk mike $425. Heath SB-200 $300. AlumaTower T-40H with Ham-III rotor and SKYlane quad 10-15-20 $900. Plus many other items. Guice Johnson WA4LHO, 150 Crescent Dr., Punta Gorda, FL 33950 813-639-2530.

FOR SALE: Hewlett-Packard 524B counter 10-100 MHz. $100. Plus plug in 525A 100-220 MHz manual. Dumont scope AS is rack mount $20.00. Wide band amplifier rack ount $20. Hewlett-Packard audio osc. rack mount & manual $20. Trygon (lab) P.S. 12 amp-50VDC variable , manual $30. BC-779 rcvr-W/IRA74C P. S., manual $50. Soreson (lab) power supply $30. Hi Voltage 2500 v. power supply $75. two 6 foot cabinets with rear doors each $100. All items can be seen up on app't. Call Lou W4LP 458-6094, if not in leave your number - I will call back. Equipment in Hallandale warehouse off I-95. Pick up only. Lou Perlmutter, 437 Golden isles Dr. Hallandale, FL 33009. PS: Central Electronics 20A SSB exciter with manual $35.00.

TRADE OR SELL: TA-33 mint/man $150. Tail Twister rotor, mint/man. $150. Scanner mint programmable Realistic $125. Regency scanner,very clean/man $45. Navy Scope $35. Norm W1TTT, 164 Sandpipper Ave., Royal Palm Beach, FL 33411 305 798-0022.

COLLECTION ITEM: Complete set popular Exectronics from 1st issue, good condition. Also early 73 magazines. Make offer. Layton W4VBQ, 2131 SW 62nd Ave., Miami, Fl 33155 305 266-4946.

THERE ARE TWO KINDS OF PEOPLE ON EARTH: THE PEOPLE WHO LIFT AND THE PEOPLE WHO LEAN. . .

FOR SALE: Complete Heathkit station. 9 pieces. Heathkit 2 meter base and PS. Bery mithael wall clock UTC, desk/chair. Ruth Hoffman N4LMC 1628 Cleveland St., Clearwater, FL 33515 813 442-1524.

FOR SALE: YEASU FT101B transceiver. . Perfect condition 150 watt LSB USB Tune CW & AM with push to talk mike and instruction manual $200. D104 mike dynamic $80. Turner crystal mike $5. MFJ Versa Tuner II $25. Model MFJ-941C . All in perfect condx. Tom Matthews K4IJC, 40 Frangipani Cir., Largo, FL 33540 813 585-5356.

ATTENTION COLLECTORS: MAKE AN OFFER: 3 QSTs, Dec. 1915 Jan & feb. 1916. Ill ham ıı was offered $500. years ago. Now will sell at best reasonable price. C. Soehl W4BAV, 2 Tiffin Way, Seminole, FL 33543.

WANT TO TRADE: 2 meter equipment for equivalent 220 MHz gear. K3nwood 7950 mobile, Jenwood 2AT handheld and ICOM 21HT handheld. Jan Zysko, N4MEI P O Box 163135, Miami, FL 33176 305-238-7226

FOR SALE: ICOM-27H 2 meter FM 45 watt mobile with tone mic, PL, voice synthesizer, bracket, manual $275. or make an offer. Larry Grinnell WD5EZY, 201 Bonnie Blvd. No.111, Palm Springs, FL 33461 305 439-8519....leave message.

ORAYER DOESN'T CHANGE THINGS: IT CHANGES PEOPLE AND PEOPLE CHANGE THINGS...

Join the MIAMI INDIVIDUALS COMMODORE EQUIPMENT - MICE club in Dade area MICE have monthly meetings. Commodore users and friends are welcome. They have nice publication all about the Commodore with photos and tips. For details call Ben Demby WA4RZQ 221-7115.

THE PERSON WHO MINDS HIS OWN BUSINESS USUALLY HAS A GOOD ONE. . . ...W4ZGG.

SELL HARD TO FIND COLLINS 180S 1 kW antenna tuner, excellent condx $150. with manual and coax connectors. Andy Clark, W4IYT 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

WE BUY USED GEAR. 215-271-8898. Tony Musero, K3UKW, 1609 So. Iseminger St., Phila., PA 19148....buy with confidence when doing business out of state..... our record speaks for itself. Send for used equipment list include No. 10, S.A.S.E.

WANTED: DRAKE TR4 plus PS. Good working condition. Call KB4-PSM, Alonso Montes, 5106 122nd Ave. E., Tampa, FL 33617 813 - 985- 5317.

IT'S HARD TO BE SYMPATHETIC ABOUT "THE LONELINESS AT THE TOP" WHEN YOU'RE BEING SMOTHERED BY THE CROWDS AT THE BOTTOM. tks W4ZGG.

SELL: NATIONAL NCL-2000 linear amp. 2000W PEP completely reconditioned. New 8122 finals. $800. firm. Jack Turner, WA4BOW, 826 Paxton, Port Richey, FL 33568 813 862-2669.

FOR SALE: COLLINS 75S3B receiver (Round Emblem) Very Clean $240. COLLINS 32S1 (winged emblem) and Collins 516F2 patching power supply $240. Craig, brand new solid state automatic level , with book tape recorder $12.00 BIG SIGNAL W2AU mod. I:I balun coil with lightening assestor, new in box $8.00. ICOM PA3 power supply new in box $30. ICOM IC-2x-2 Marker/extension terminal $30. All above with UPS. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

WANTED WANTED WANTED! ! EIMAC TUBES 8873. Capt. Sherman Crise WA4ZRW, 3701 State Road 84, Davie, FL 33312 305 581-2718.

SELL: 60 ft. E-Z Way 3 section crank-up, crank-over steel tower E-Z Way $450.oo 12 ft. tower support-ground post requires no con crete, weighs 300 pounds. Two steel cables, HAM M antenna rotator and 100 ft. control cable included. Painted with REFORMER, fined coat silver Rust-Oleum. $750.00. Ross Akre W4ZZZ, 6121 SW 82 Ave., Miami, FL 33143 305 271-9292.

FOR SALE: TELREX 10 meter 3 element monobander antenna, excellent condition $125. Bob Black WA4SKE, 13420 N.W. 1st Ct., Miami, FL Office 305-893-7364 home 681-4567.

SELL: HAL CT2100, KB2100 $200. SWAN SWR1A $20. G5RV $20. 2M Isopole $20. Mosley Virtical 10-40 $25. Homebrew P/S with meters 12V $20. Dennis Hastie AA4JT, 2904 97th Ave. E., Parrish, FL 33564. 813 776-2072.

A WISH IS A DESIRE WITHOUT AN ATTEMPT.. . . . W4ZGG. . . .

SELL: ATLAS 210X with AC console. Collins MM-1 and turner desk mike. Atlas 10XB xtal oscillator, Millen transmatch and all manuals. Good condition. No ship but meet half way. $350.00 Bob Doctor WA9QJQ, 3458 Pinetree, St. James City, FL 33956 813 283-1539.

A GREAT ACTOR CAN BRING TEARS TO YOUR EYES: BUT THEN SO CAN AN AUTO MECHANIC.. . W4ZGG

SALE: YEASU FT-726R V/UHF all mode tri-bander. 144,432Mhz duplexer, OSCAR modules installed. Includes 100 WT & 70WT amplifiers. Cost $1800. plus will sell $1200. including OSCAR beams. Jack Turner WA4BOW, 826 Paxton. Port Richey, FL 33568 813 862-2669.

QCWA NOTICE'! ! O O T C MEMBERS NOTICE. Starting May 3rd 12:30 PM, Sunday the QCWA/OOTC net will shift from 3955 to 7253 repeat 7253 (plus or minus). Condition should improve greatly. All snowbirds welsome! N2SN/QCWA -- W4NWS/OOTC Net Mgrs.

SOME PEOPLE DON'T WANT ADVICE -- THEY JUST USE YOU AS A WASTEBASKET FOR THEIR WORRIES... Tks W4ZGG

NOTICE: DEADLINE for all items the 10th of each month. Can accept HAMBARS until 15th in Box 501, Miami Springs, FL 33266. Anything received after the 15th will be held over for next month.....Thanks Editor

THE DARKEST HOUR IS ONLY 60 MINUTES LONG! tks W4ZGG

SELL: AS UNIT: Clegg FM28 2 meter 25W digital P L L mobile, attached CES programmable scanner, Astron 12 Amp. DC PS for 117VAC use, mike car mount and manuals, all work FB, U-ship, $200. Bob Saulpaugh AG3S, 4527 SE 5th Place, Ocala, FL 32671 904-694-3214.

FOR SALE: YEASU FT-726R VHF/UHF xcvr $750. ICOM IB-9130 25 watt all mode 2M Xcvr $350. SPIDER HF mobile ant. $100. ALL EXCELLENT! Arlie Milarch K8OCZ, 7600 W. Four pines Rd., Plant City, FL 33566 813 986-6352.

SUPERFAST MORSE CODE SUPEREASY. Subliminal cassette. $10. Moneyback guarantee. Free satalog: SASE W. Bahr, KB4WIT, 2549-FS-I, Temple, Palmbay, FL 32905.

FOR SALE: Ten-Tec transceiver model 540 with power supply (has VOX) model 244 digital readout, and mic. Also MFJ telepatch II phone patch, model 207 AMMETER. All for $350 FIRM! please call Dick McKee WD8RHN, 2625 SW Monterrey Ln., Port St. Lucie, FL 33453 (Dick forgot to give his phone number...AC)

TABLE RADIO LARGE SONY AM FM SOLID WOOD EXCELLENT! $28. Heath IP-2728 Regulated power supply, filtered, new $38. Jean B. Desautels, K4VGD, 616 N. Silver Cir., Key Largo, FL 33037 305-852-2109.

SELL: Four 4CX150B new in sealed plastic packages $7. each. Shure microphone mod. 545-SD brand new in carton. List for $165. take $75. Genuine Vibroplex model Presentation Super DeLuxe Gold finish $80. Classic over 60 year old THE VIBROPLEX Horace G. Martin with original carrying case $75. Millen model 90672 antenna bridge $15. EICO model 752 kit power supply $15. Collins 4100193009 Ameco 83-3630 28 VDC relay in sealed package $8.00 Walter Kochanek W1KWA 708 Willow Dr., Hehigh, FL 33936 813 367-8247.

SELL: DRAKE TR4, good shape $300. KLM 4 element TRI-bander $150. Mel Tschappat K4KRL 506 - 8th St. Zephyrhills, FL 34248 813 788-3603 9 to 5 Mon. to Fri.

SWAP DOT MATRIX PRINTER, Banana Gorilla, Centronics parallel input. WANT T/S 1500 computer. Spencer Allen K0REC, 6401 Azure Lane, Cocoa Beach, FL 32931 305 783-0629.

SELL: Ten-Tec OMNI-D(B) transceiver with 1.8 kc filter, Factory installed WARC modified bands, power supply Ten-Tec speech processor with electret mike and stand. Max Goldstein K4EGZ, 1750 N.E. 191 St. Apt. 611, North Miami Beach, FL 33179 305 949-4868.

ESTATE SALE: Kenwood xmtr mod TS430S in original carton. Appears to be brand new $550. Ameco code practice osc & CW monitor $10.00. MFJ Versa tuner mod. 940B, ant. & SWR bridge. $65. Collins KWM-2 in carrying case $325. Heath SB-101 $150. Heath HP23A $40. David Levine, 1212 N. Park Rd., Hollywood, FL 33021 305 989-2355.

FOR SALE: Boonton Q meter/6 coils $100. 2 measurement type 59 & 59VLF grid dip meters (VLF no coils) both for $100. Navy LM-13 freq. meter/with AC PS $25. 2 type 5 selsyns pair $20. ICOM 2AT, power supply & book above items plus UPS $140 for ICOM. WANTED: HAMTEXT for C-64 computer. L. L. Jezorek W4LC, 20 Celestial Way No. 205, Juno Beach, FL 33408 (no phone given in ad)

FOR SALE: Excellent condition COLLINS KWM-2, power supply mod. 516F (new electrolytics in both units) plus GRAND make external digital frequency readout $400. George Maslarov, WN4G, 5803 Woodhaven Dr., Lakeland, FL 33811 813-646-8180.

NOTICE TRAFFIC HANDLERS: FLORIDA SKIP now has two mode TRAFFIC EDITORS. Ron Mettler WB4GHU 904 Little Bend, Altamonte Springs, FL 32714 phone 305 774-9069 will handle all CW net news and Alfred R. Suhr, WB4AID, 1412 Tahoe Ct., Lake Worth, FL 33461 phone 305 588-1928 will edit all SSB net news. We are still looking for a Packet Editor. All net managers are requested to get your net news to GHU & AID by the end of each month to allow edit-time and forwarding to Box 501 by the 10th or so. PLEASE SPREAD THE WORD!

WANTED: Miami-Dade Metro scanner xtals for Realist 4 channel PRO-20. Looking for 155.700, 154.770. 155.955 or 146.210 or any active channel VHF or UHF. Also need the manual to copy or buy. Andy Clark 41, Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: IC-02AT in excellent condition with original box and manual etc. $250. HEATHKIT keyer model HD-1410 with manual mint condx. $30. MFJ 312 band expander with original box and manual $30. Hy—Gain LARSEN 5/8 wave 2 meter mobile antenna LM mount (coil & mast only) new $30. Craig Stewart W4PHJ, 3027 Golfview Dr., Vero Beach, FL 32960 305 567-8448.

SELL: Mint IC-2AT, DTMF, new leather case, speaker, mike, BP-3, 2-BP3's, BP-2,BP5, DC-1, BC-30, Vocom 5/8 wave ant. $300. TenTec 263 remote VFO, 227 ant. tuner, classic gold bug. M. J. Billings 3800 South Ocean Dr., Hollywood, FL 33018 305 45E-4146.

FOR SALE: MUST SELL! 40 foot crank up-tilt over ALUMA Tower with rotor and cable. 2 years old. Ready to haul away. Paid over $1000. new asking package deal $700. nagaciable. 5 element antenna T E T 2 years old, asking $150. Contact Les Nienan, KA4LIE, 6400 SW 109 St., Miami, FL 33156 phone 305 284-0405 after 6 PM please.

YOU CAN ALWAYS TELL HOW MUCH A WOMAN HATES TO WORK FOR A LIVING BY LOOKING AT THE KIND OF HUSBAND SHE MARRIED. . . .

GARAGE SALE: Each Saturday 9AM to noon. PLEASE CALL 888-3874 first! Sometimes not here. Thousands of new parts, coax, cables, muffin fans, meters, audio & video (commercial) amateur/CB units & antennas, transformers, insoulators, etc. etc. Some B&W working TV sets. You name it. Fair prices. Call before you come please. Andy Clark W4IYT, 41 Lenape Drive Dr. Miami Springs, FL 33166 888-3874. Also QSTs 73s H.Rs.

Some Facts About Time Conversion

The chart below has been arranged to show time zones used by most amateurs in North America and Coordinated Universal Time (UTC), used universally as a standard. The advantage of UTC is that it is the universally understood reference throughout the world. ARRL recommends that all amateur logging be done in UTC.

Time zone letters may be used to identify the kind of time being used. For example, UTC is designated by the letter Z.

In converting from one time to another, be sure the day or date corresponds to the new time. That is, 2100 EST on January 1 would be 0200Z (UTC) on January 2, similarly, 0400Z on January 2 would be 2000 PST on January 1.

A good method is to use UTC (Z) for *all* amateur logging, schedule making. QSLing and other amateur work. Otherwise, confusion, with all the different time zones, is inevitable. Leave your clock on UTC.

UTC	EDT/AST	CDT/EST	MDT/CST	PDT/MST	PST
0000*	2000	1900	1800	1700	1600
0100	2100	2000	1900	1800	1700
0200	2200	2100	2000	1900	1800
0300	2300	2200	2100	2000	1900
0400	0000 *	2300	2200	2100	2000
0500	0100	0000 *	2300	2200	2100
0600	0200	0100	0000 *	2300	2200
0700	0300	0200	0100	0000 *	2300
0800	0400	0300	0200	0100	0000 *
0900	0500	0400	0300	0200	0100
1000	0600	0500	0400	0300	0200
1100	0700	0600	0500	0400	0300
1200	0800	0700	0600	0500	0400
1300	0900	0800	0700	0600	0500
1400	1000	0900	0800	0700	0600
1500	1100	1000	0900	0800	0700
1600	1200	1100	1000	0900	0800
1700	1300	1200	1100	1000	0900
1800	1400	1300	1200	1100	1000
1900	1500	1400	1300	1200	1100
2000	1600	1500	1400	1300	1200
2100	1700	1600	1500	1400	1300
2200	1800	1700	1600	1500	1400
2300	1900	1800	1700	1600	1500
2400	2000	1900	1800	1700	1600

Time changes one hour with each change of 15° in longitude. The five time zones in the U.S. proper and Canada roughly follow these lines.

*0000 and 2400 are interchangeable. 2400 is associated with the date of the day ending, 0000 with the day just starting.

FAMILY HAMS

K4GIT's father - W6RZM, his daughter WD4FBE, his son N4AMD his other son W5UEF his uncle W6SOW. (working on grandson) will give 4 generations! !

The OM K4TL the YL WA4COD

The Father W4IYT the YF W4GGQ the son KA4MHL.

How about yours? Send to Box 501, Miami Springs, FL 33166

FCC—DEFINE OBSCENITY

In 1982 there was an FCC action revoking the license of David Hildebrand, N6BHU, because of his admitted violations of the FCC Rules which prohibit obscene, indecent or profane language. The FCC Review Board overturned the original ruling saying that the Amateur Radio Service only involves private transmissions and the legal cases which define obscenity only involve broadcasting to the public.

The ARRL and the Private Radio Bureau of the FCC appealed to the FCC Commissioners to restore the original decision.

On April 16, the Commissioners reversed the Review Board decision. The Commissioners said that amateur radio is sufficiently like broadcasting in that the frequencies are shared by all amateurs and there is a risk of children listening to the transmissions. The Commissioners also noted that Section 97.119 of the Amateur Rules specifically governs indepent transmissions and that amateurs should presume that the Commission's Rules will be enforced.

Due to technical reasons, the Commission did not fine Hildebrand or revoke his license. The Commission limited its actions to a declatory ruling and admonished Hildebrand against further violations.

ARRL HQ has only received a brief news release from FCC on this matter, not the actual text of this declatory ruling. Further details will appear in the Happenings Column in June QST.

(ARRL OB 32)

A SAN DIEGO, CALIFORNIA HAM IS FREE

A San Diego, California ham is free on $150,000 bail following his arrest for allegedly jamming the two way radio system of that city's FBI office. Extra Class licensee Jerry Edward Gastil, K6DYD, was arrested in his vehicle at about 6:15 p.m. by FBI agents on Friday, April 10. His arrest culminated a week-long investigation and surveillance by FBI agents and FCC engineers. According to FBI Special Agent James Bolenbach, the interference started on April 1 and continued each weekday through April 10th. The interference took the form of music and other sounds. Bolenbach told **Westlink Report** writer Mike Sullivan, WA6HJJ, that "the interference would start up at the most inopportune time. Just when we had heavy traffic or a bank robbery situation or something where we need it (the radio system) here would come this powerful signal, enough to drown out and prevent our cars from communicating with each other or with headquarters."

Gastil is charged in a two count complaint filed in U.S. District Court. One count alleges his interfering with a government communications system, which is a felony carrying a possible maximum penalty of 10 years imprisonment and a $250,000 fine. A second complaint is a misdemeanor charge of operating on a radio frequency without a license. In addition, Gastil's vehicle and the radio equipment inside it were seized at the time of his arrest and could ultimately be forfeited.

According to a report in the **San Diego Union**, the FBI filed an affidavit in which the agency asserted "Gastil caused music and other sounds to be transmitted on the FBI frequency, interfering with regular FBI transmissions." It says that the signals were monitored by an FBI electronics technician and those of the FCC. An analysis by the FCC indicated the transmissions were of a type that would originate from a mobile unit, and that the ability to transmit the interference would involve considerable knowledge of radio communications. Gastil is employed as an electronics technician and is also an Extra Class.

The FBI says that on Wednesday, April 8th, Gastil was observed as he drove to the top of a hill in San Diego. In the same surveillance, a radio direction finder was used. As Gastil drove down the hill, interfering transmissions were received and the radio direction finder operator found that the signals were being transmitted in a manner consistent with the movements of Gastil's vehicle.

No motive for Gastil's alleged actions has yet been found. He was scheduled for a preliminary hearing in federal court on April 24.

(THE WESTLINK REPORT)

Mark Greenwald, KY4U and lovely wife Rosa are shown raising their glasses at their 50th wedding anniversary celebration, hosted by their children. Among those attending were Bill Richards WB4WYG, his FY Doris; Al Suhr, WB4AID & YF Jane KB4AOO; and Roy Mackey, N4ADI and YF Carolyn plus Walt Scott WD4MIW and YF Trudy. Congratulations Mark and Rosa!. Mark can be found daily on the GATOR Net, 8:30AM on 3651. kHz.

HAMFEST REPORT

By Link Grant, KI4NF

The Martin County Amateur Radio Association (M.C.A.R.A.) held their 11th Annual Hamfest on Saturday, February 21st at Langford Park in Jensen Beach, Florida, thus culminating Amateur Radio Week as proclaimed by the County Commissioners.

Against this mundane background is an incredible story of profound human . . . or is it humane? . . . interest.

Talk-in was provided via M.C.A.R.A.'s repeater manned by net control operator N4NAO, the call assigned to "Hap" Trottier, Captain USN, retired, a former submariner. Trottier received a call from Jim Stanger, WA5VYL, advising that he was blind and interested in attending if a ham heading for Jensen Beach could possibly provide a lift. Hap requested Jim to stand by and he would return the call if arrangements could be made.

Hap's next call was from "Bob" requesting directions from south Stuart. The matter of a lift for Jim was relayed and Bob said he wold be happy to pick Jim up and drop him off at net control on arrival.

Club President, George Daly, W3WU, took Jim in tow on arrival, arranged for lunch and a tour of the hamfest and later discussed mutual interests. Jim inquired about M.C.A.R.A. and requeted a membership application to help get acquainted in the area after his move from Louisiana. The public address system was announcing tickets were available for the next hourly drawing . . . and Jim decided to purchase a ticket on the remaining drawings. He was assured that he did not have to be present to win one of two grand prizes. And Hap was successful in getting Jim a ride home . . . again courtesy of a fellow ham.

The final drawing of the day, the grand prize, a Kenwood TR 2600A with extra battery pack, culminated the day's activities and the winning number . . . guess who? . . . yes, it was our new found blind friend, Jim! . . . a 500-to-1 shot! And his prize was delivered in person by Don Lovett, K8BXT, Hamfest Chairman.

Who said Fate was Fickle?

REGISTER YOUR CLASS

Is your club holding a Novice or upgrade course this winter? Register the course with the ARRL Club Services Department now, and we'll be sure to put you in our computerized listing of classes. This will help us direct prospective hams to your club! Also, HQ is developing a list of clubs that have solid connections in college or graduate school video production facilities. If you can help us with some video production projects, contact Curt Holsopple, CSD Manager, at HQ.